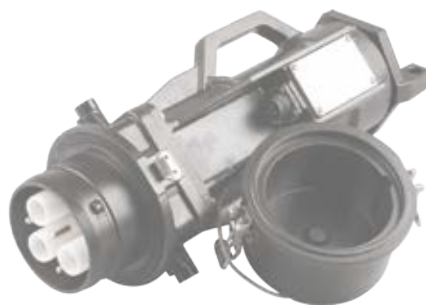
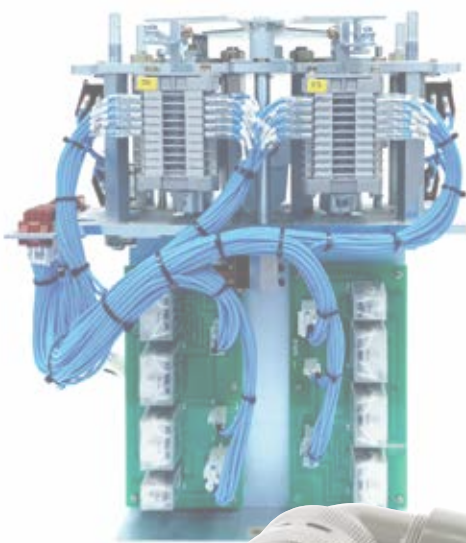


JW JAEWON HIGH-TECH
(주)재원하이텍



책임경영, Responsibility Management

가치창출, Value Create

고객만족, Customer Satisfaction

사회공헌, Society Contribution

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Greeting 인사말

"당사는 1992년 창사 이래 전력기기 산업용 HARNESS, 군수 및 산업용 CABLE ASSEMBLY, MS Style CONNECTOR 및 Special CONNECTOR을 개발 / 생산하고 있으며, Global 산업환경에 부응하고자 지속적인 연구개발과 효과적인 설비투자과 함께 최고품질 창출에 진력하고 있습니다.

앞으로, 품질 제일선의 가치를 결코 고객을 섬기는 자세와 이를 적극 실천하는 (주)재원하이텍으로 거듭나면서 고객의 발전을 위한 파트너가 되겠습니다."

Our main products are HARNESS for power equipment industry. Cable Assembly for military and industrial use and MS Style CONNECTOR and special Connector etc. We make every efforts department wide to create the highest quality with continuous R&D and effective facility investment to meet the global industrial environment. We are ceaselessly renovating our system to be, prioritizing quality first, the best partner of our customers for help successful business.



INNO-BIZ 인증서



기업부설연구소 인증서



품질경영시스템 인증서



환경경영시스템 인증서

JW (주)재원하이텍

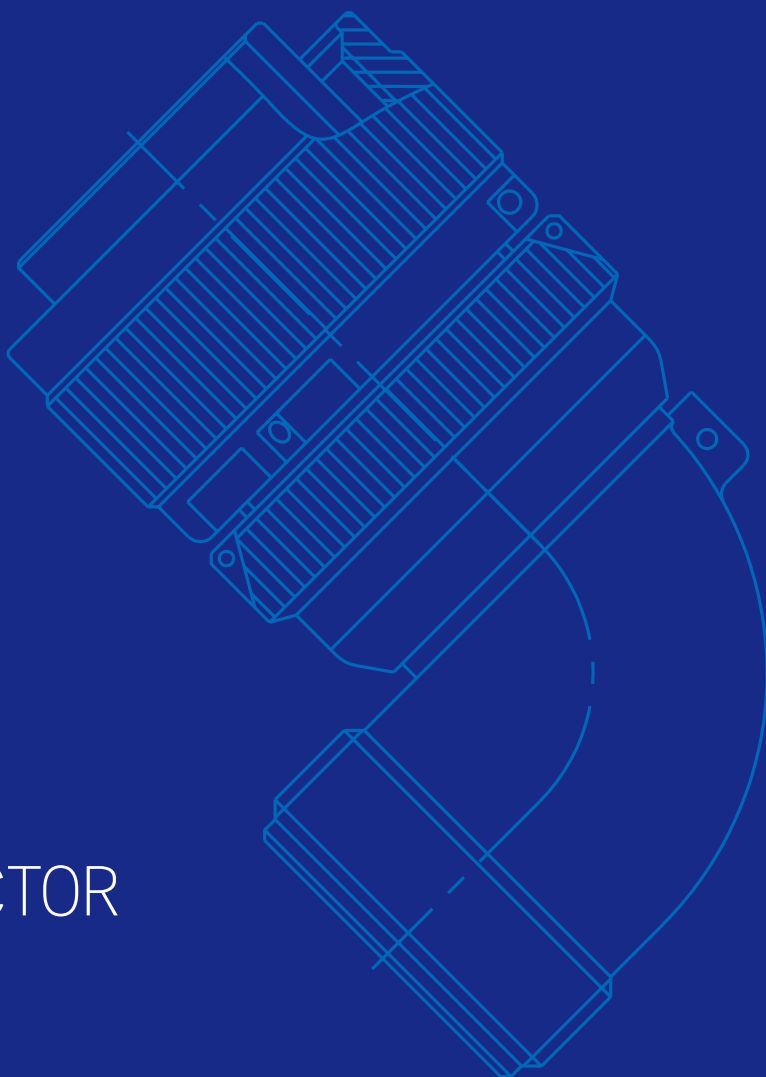
Since our establishment in 1992, we Jaewon High-Tech, have been steadily growing up through developing and supplying high-quality products with ceaseless efforts of research and development.

HISTORY 회사연혁

- 2020.08 MS 5015A Type Connector와 VG95234 Type Connector Series 개발
MIL-DTL-5015A Style Series Connector & VG95234 Series Connector Development
- 2020.06 정부지원 R&D 사업자 선정 / R&D Business Operator Selection of Government Sponsored
- 2020.05 SMART FACTORY 도입, 구축 / Introduction & Set Up of SMART FACTORY
- 2020.02 MS 26482-1 TYPE Connector Series 개발 / MIL-DTL-26482-1 Style Series Connector Development
- 2019.03 공장확장 이전(인천 남동구 능허대로 631)
Expansion & Relocation of Factory (631, Neungheodae-ro, Namdong-gu Incheon)
- 2012.06 연구소 설립 / Laboratory Foundation
- 2012.02 공장 확장 이전(부천테크노파크 301동) / Expansion & Relocation of Factory (301, Bucheon Techno-Park)
- 2011.07 상호 변경(㈜재원하이텍) / Company Name Chang (JaeWon High-Tech Co.,LTD)
- 2009.11 INNO-BIZ, MAIN-BIZ 인증 취득 / Obtain of INNO-BIZ & MAIN-BIZ Certification
- 2007.12 ISO9001 / 14001 인증 취득 / Obtain of ISO9001 & 14001 Certification
- 2007.02 벤처기업 인증 취득 / Obtain of Venture Company Certification
- 2005.07 부품소재 전문기업 인정(산자부) / Obtain of Parts Material one's Special Company Certification
- 2004.05 공장확장 이전(부천테크노파크 302동) / Expansion & Relocation of Factory (302, Bucheon Techno-Park)
- 2003.10 MS 5015A Type과 VG95234 Type 8종 CONNECTOR 개발
MIL-DTL- 5015A Style Connector & VG95234 Connector 8 Type Development
- 2002.02 (주)성진씨앤에이치 법인 전환 / Coporate Body be SeongJin C&H
공장이전(부천테크노파크 101동) / Relocation of Factory (101, Bucheon Techno-Park)
- 1992.11 재원물산 설립 / Foundation of JaeWon Mulsan

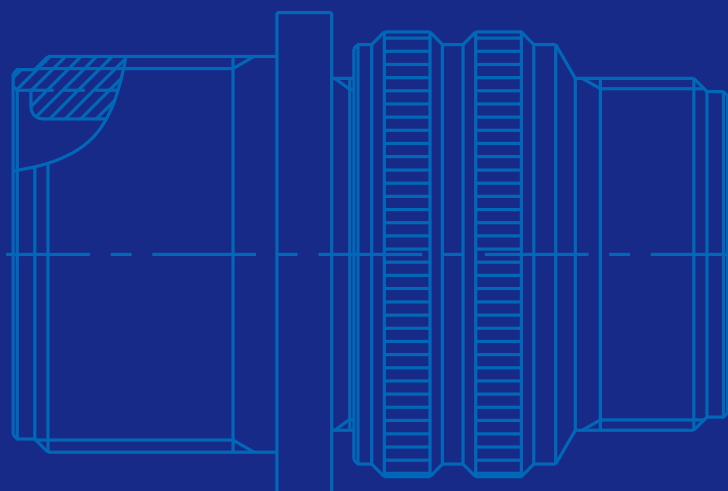
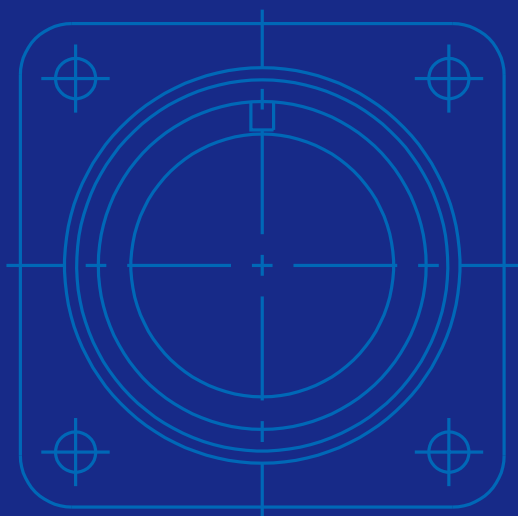
MAIN CUSTOMER 주요고객





JW5015 CONNECTOR

(MIL-DTL-5015 Style)

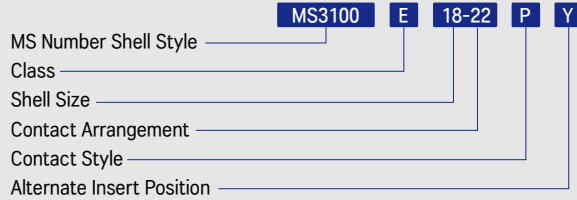


JW5015 series

MIL-DTL-5015 Style

품명구성 Ordering Information

Military Nomenclature



• MS Number Shell Style

MS3100 - Wall Mounting Receptacle
MS3101 - Cable Connecting Plug
MS3102 - Box mounting Receptacle
MS3106 - Straight Plug
MS3108 - 90° Angle Plug

• Class

A - Solid shell for general, non-environmental applications
E - With resilient insulator and integral clamp for cable strain relief
F - Same as E, However style 3106 with O-ring seal under the coupling nut
R - With resilient insulator and shortened, lightweight endbell (additional sealing with O-ring under the coupling nut for shell styles 3106 and 3108)

• Shell Size

10SL, 12S, 12, 14S, 14, 16S, 16, 18, 20, 22, 24, 28, 32, 36

• Contact Arrangement

MIL-STD-1651에 따른다

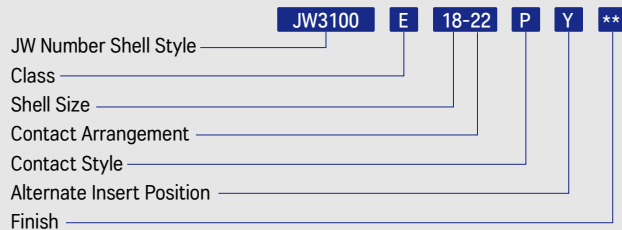
• Contact Style

P - Pin Contact
S - Socket Contact

• Alternate Insert Position

N(Normal), W, X, Y, Z(MIL-STD-1651)

JAEWON Nomenclature



• JW Number Shell Style

JW3100 - Wall Mounting Receptacle
JW3101 - Cable Connecting Plug
JW3102 - Box mounting Receptacle
JW3106 - Straight Plug
JW3108 - 90° Angle Plug

• Class

A - Solid shell for general, non-environmental applications
E - With resilient insulator and integral clamp for cable strain relief
F - Same as E, However style 3106 with O-ring seal under the coupling nut
R - With resilient insulator and shortened, lightweight endbell (additional sealing with O-ring under the coupling nut for shell styles 3106 and 3108)

• Shell Size

10SL, 14S, 14, 16S, 16, 18, 20, 22, 24, 28, 32, 36

• Contact Arrangement

MIL-STD-1651에 따른다

• Contact Style

P - Pin Contact
S - Socket Contact

• Alternate Insert Position

N(Normal), W, X, Y, Z(MIL-STD-1651)

• Finish

기본(Basic) : 국방 전착 도장(Cobalt Electro Deposition Coating)
01 - 블랙 아노다이징(Black Anodize)
02 - 무전해 니켈 도금(Electroless Nickel plate)
03 - 카드뮴 도금 (Cadmium, Olive Drab)
04 - 아연도금 국방 크로메이트 (Cobalt Chromate Coating Over Zinc plating)

JW5015 series

MIL-DTL-5015 Style

결합안내 Mating Face View



기술적 정보 Technical Data

표준 재질 및 보호피막 Standard Materials and Finishes

Portion	Materials	Finishes
몸체 Shell	Aluminum alloy	국방 전착도장 Cobalt Electro Deposition Coating
절연체 Insulator	Polychloroprene (resilient)	-
접점 Contacts	Brass or Copper alloy	Silver plate

전기적 특성 Electrical Data

절연저항 Insulation Resistance	5,000MMΩ Min. (at 25°C)
사용온도범위 Operating Temperature Range	-55°C ~ +125°C
내구성 Durability	500 cycle, mate and unmate

접점배열 서비스 등급 Contact Arrangements Service Rating

Service Rating	Dielectric Withstanding Voltage			Contact Engaging & Separating Force			
	Test Voltage AC(rms)	Operating Voltage		Contact Size	Force in Lbs		
		AC (rms)	DC		Maximum	Average	Minimum
inst.	1,000	200	250	16	3.00	2.06	0.13
A	2,000	500	700	12	5.00	3.50	0.19
D	2,800	900	1,250	8	10.00	-	0.31
E	3,500	1,250	1,750	4	15.00	-	0.63
B	4,500	1,750	2,450	0	20.00	-	0.94
C	7,000	3,000	4,200				

Altitude Voltage Derating Chart

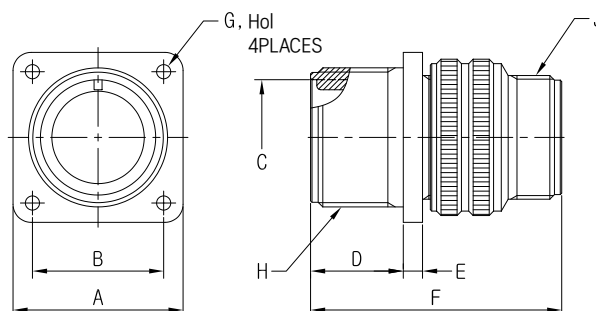
Service Rating	Nominal Distance		Standard Sea Level Conditions		Pressure Altitude 70,000 ft	
	Airspace	Creepage	Minimum Flashover Voltage AC(rms)	Test Voltage AC(rms)	Minimum Flashover Voltage AC(rms)	Test Voltage AC(rms)
inst.	1/32	1/16	1400	1,000	325	260
A	1/16	1/8	2800	2,000	450	360
D	1/8	3/16	3600	2,800	500	400
E	3/16	1/4	4500	3,500	550	440
B	1/4	5/16	5700	4,500	600	480
C	5/16	1	8500	7,000	700	560

Contact Size	Pin Contact Dia.	Solder Pot Dia.	Current(A) Rating (Mated With Insulators)	Contact Resistance		Wire Range Accommodations		
				Test Current (A)	Potential Drop Max(mV)	Wire Size (AWG)	Wire Normal Square Size(mm²)	Dielectric Material Outer Dia.
16	1.6	2.0	13A	20A	21	16~22	≤1.3	1.7~3.3
12	2.4	3.0	23A	35A	20	12~14	≤3.5	2.9~4.3
8	3.6	5.2	46A	60A	12	8~10	≤8.0	4.2~6.4
4	5.7	8.5	80A	110A	10	6~4	≤22.0	7.0~9.4
0	9.1	12.0	150A	200A	10	0~2	≤50.0	10.6~14.0

JW5015 series

MIL-DTL-5015 Style

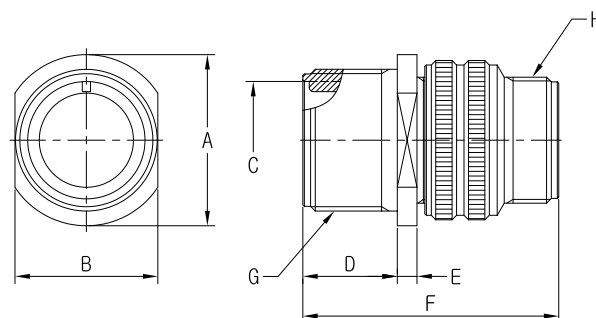
JW3100 Wall Mounting Receptacle (MS3100 Style)



UNIT: mm

Size	A ±0.79	B ±0.12	ØC +0.38 -0.00	D +0.79 -0.00	E Max./Min.	F Min.	ØG +0.25 -0.13	H Thread. (Class : 2A)	J Thread. (Class : 2A)
10SL	25.40	18.26	11.38	14.28	3.96/1.58	38.0	3.05	5/8-24UNEF	5/8-24UNEF
14S	30.18	23.01	17.33	14.28	3.96/1.58	42.0	3.05	7/8-20UNEF	3/4-20UNEF
16S	32.54	24.61	20.50	14.28	3.96/1.58	42.0	3.05	1-20UNEF	7/8-20UNEF
16	32.54	24.61	20.50	19.05	3.96/1.58	52.0	3.05	1-20UNEF	7/8-20UNEF
18	34.93	26.97	23.68	19.05	5.12/2.39	52.0	3.05	1 1/8-18UNEF	1-20UNEF
20	38.10	29.36	26.88	19.05	5.12/2.39	55.0	3.05	1 1/4-18UNEF	1 3/16-18UNEF
22	41.28	31.75	30.03	19.05	5.12/2.39	55.0	3.05	1 3/8-18UNEF	1 3/16-18UNEF
24	44.45	34.93	33.20	20.63	5.12/2.39	58.0	3.73	1 1/2-18UNEF	1 7/16-18UNEF
28	50.80	39.67	38.77	20.63	5.12/2.39	67.0	3.73	1 3/4-18UNS	1 7/16-18UNEF
32	57.15	44.45	45.12	22.23	9.11/3.18	85.0	4.39	2-18UNS	1 3/4-18UNS
36	63.50	49.23	50.68	22.23	9.11/3.18	85.0	4.39	2 1/4-16UN	2-18UNS

JW3101 Cable Connecting Plug (MS3101 Style)



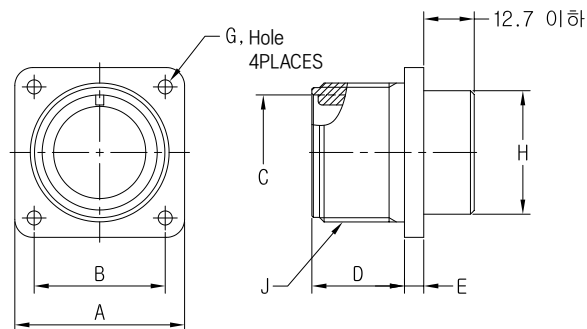
UNIT: mm

Size	ØA. Max.	B Max.	ØC +0.38 -0.00	D +0.79 -0.00	E Max./Min.	F Min.	G Thread. (Class : 2A)	H Thread. (Class : 2A)
10SL	21.8	16.2	11.38	14.28	3.96/1.58	38.0	5/8-24UNEF	5/8-24UNEF
14S	28.2	22.5	17.33	14.28	3.96/1.58	42.0	7/8-20UNEF	3/4-20UNEF
16S	31.4	25.6	20.50	14.28	3.96/1.58	42.0	1-20UNEF	7/8-20UNEF
16	31.4	25.6	20.50	19.05	3.96/1.58	52.0	1-20UNEF	7/8-20UNEF
18	34.5	28.8	23.68	19.05	5.12/2.39	52.0	1 1/8-18UNEF	1-20UNEF
20	37.6	32.0	23.68	19.05	5.12/2.39	55.0	1 1/4-18UNEF	1 3/16-18UNEF
22	41.0	35.2	30.03	19.05	5.12/2.39	55.0	1 3/8-18UNEF	1 3/16-18UNEF
24	43.8	38.4	33.20	20.63	5.12/2.39	58.0	1 1/2-18UNEF	1 7/16-18UNEF
28	50.5	44.8	38.77	20.63	5.12/2.39	67.0	1 3/4-18UNS	1 7/16-18UNEF
32	57.0	51.2	45.12	22.23	9.11/3.18	85.0	2-18UNS	1 3/4-18UNS
36	63.2	57.5	50.68	22.23	9.11/3.18	85.0	2 1/4-16UN	2-18UNS

JW5015 series

MIL-DTL-5015 Style

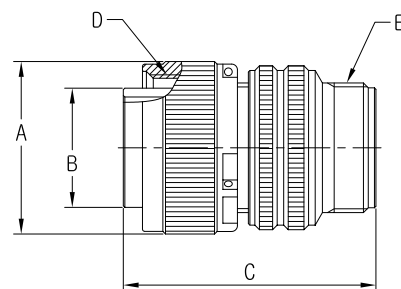
JW3102 Box Mounting Receptacle (MS3102 Style)



UNIT: mm

Size	A ±0.79	B ±0.12	ØC +0.38 -0.00	D +0.79 -0.00	E Max./Min.	ØG +0.25 -0.13	ØH Max.	J Thread. (Class : 2A)
10SL	25.40	18.26	11.38	14.28	3.96/1.58	3.05	15.9	5/8-24UNEF
14S	30.18	23.01	17.33	14.28	3.96/1.58	3.05	19.0	7/8-20UNEF
16S	32.54	24.61	20.50	14.28	3.96/1.58	3.05	22.2	1-20UNEF
16	32.54	24.61	20.50	19.05	3.96/1.58	3.05	22.2	1-20UNEF
18	34.93	26.97	23.68	19.05	5.12/2.39	3.05	25.4	1 1/8-18UNEF
20	38.10	29.36	26.88	19.05	5.12/2.39	3.05	29.0	1 1/4-18UNEF
22	41.28	31.75	30.03	19.05	5.12/2.39	3.05	32.2	1 3/8-18UNEF
24	44.45	34.93	33.20	20.63	5.12/2.39	3.73	35.3	1 1/2-18UNEF
28	50.80	39.67	38.77	20.63	5.12/2.39	3.73	41.2	1 3/4-18UNS
32	57.15	44.45	45.12	22.23	9.11/3.18	4.39	47.6	2-18UNS
36	63.50	49.23	50.68	22.23	9.11/3.18	4.39	52.4	2 1/4-16UN

JW3106 Straight Plug (MS3106 Style)



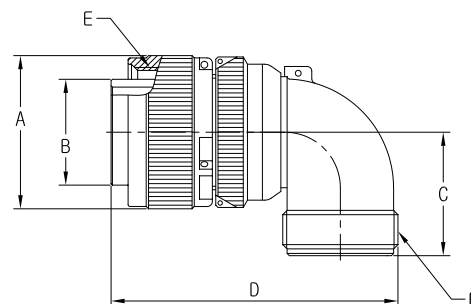
UNIT: mm

Size	ØA Max.	ØB +0.00 -0.38	C Min.	D Thread. (Class : 2B)	E Thread. (Class : 2A)
10SL	24.61	11.33	38.0	5/8-24UNEF	5/8-24UNEF
14S	29.36	17.15	42.0	7/8-20UNEF	3/4-20UNEF
16S	31.75	20.45	42.0	1-20UNEF	7/8-20UNEF
16	31.75	20.45	52.0	1-20UNEF	7/8-20UNEF
18	34.13	23.62	52.0	1 1/8-18UNEF	1-20UNEF
20	37.31	26.67	55.0	1 1/4-18UNEF	1 3/16-18UNEF
22	40.48	29.85	55.0	1 3/8-18UNEF	1 3/16-18UNEF
24	43.66	33.02	58.0	1 1/2-18UNEF	1 7/16-18UNEF
28	50.01	38.61	67.0	1 3/4-18UNS	1 7/16-18UNEF
32	56.36	44.96	85.0	2-18UNS	1 3/4-18UNS
36	62.71	50.29	85.0	2 1/4-16UN	2-18UNS

JW5015 series

MIL-DTL-5015 Style

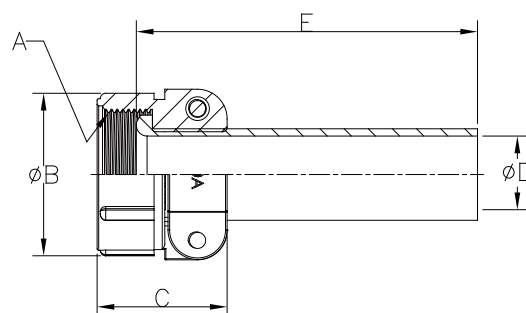
JW3108 90° Angle plug (JW3108 Style)



UNIT: mm

Size	ØA Max.	ØB +0.00 -0.3	C Max.	D Max.	E Thread. (Class : 2B)	F Thread. (Class : 2A)
10SL	24.61	11.33	25.40	55.58	5/8-24UNEF	5/8-24UNEF
14S	29.36	17.15	28.57	58.72	7/8-20UNEF	3/4-20UNEF
16S	31.75	20.45	30.17	61.11	1-20UNEF	7/8-20UNEF
16	31.75	20.45	30.17	70.64	1-20UNEF	7/8-20UNEF
18	34.13	23.62	33.32	72.24	1 1/8-18UNEF	1-20UNEF
20	37.31	26.67	34.92	82.55	1 1/4-18UNEF	1 3/16-18UNEF
22	40.48	29.85	34.92	82.55	1 3/8-18UNEF	1 3/16-18UNEF
24	43.66	33.02	39.67	94.46	1 1/2-18UNEF	1 7/16-18UNEF
28	50.01	38.61	39.67	94.46	1 3/4-18UNS	1 7/16-18UNEF
32	56.36	44.96	47.62	106.38	2-18UNS	1 3/4-18UNS
36	62.71	50.29	52.37	109.14	2 1/4-16UN	2-18UNS

JW3057 Cable Clamp (MS3057 Style)



UNIT: mm

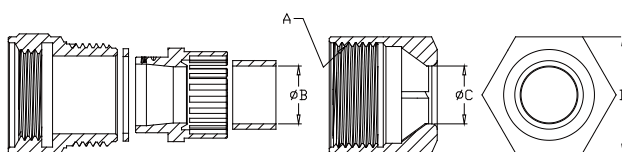
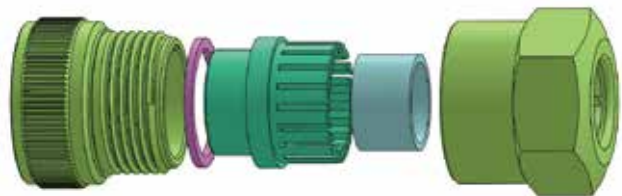
Part Number	Size	A Thread (Class : 2B)	ØB ±0.8	C ±0.8	ØD ±0.4	F ±0.8
4A	10SL, 12	5/8-24UNEF	20.6	20.6	5.6	69.8
6A	14S, 14	3/4-20UNEF	24.6	22.2	7.9	66.7
8A	16S, 16	7/8-20UNEF	27.8	23.8	11.1	63.5
10A	18	1-20UNEF	30.2	23.8	14.3	60.3
12A	20,22	1 3/16-18UNEF	34.9	23.8	15.9	57.1
16A	24,28	1 7/16-18UNEF	42.1	26.2	19.0	54.0
20A	32	1 3/4-18UNS	51.6	27.8	23.8	50.8
24A	36	2-18 UNS	56.4	29.4	31.7	47.6

JW5015 series

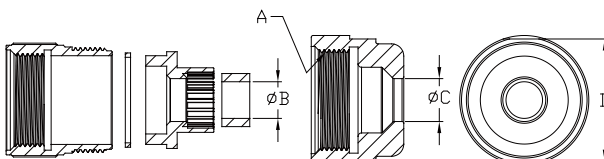
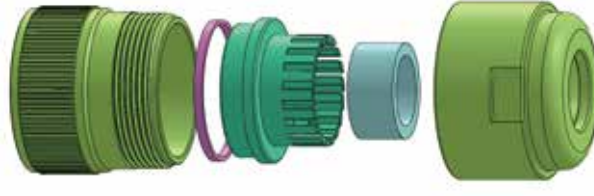
MIL-DTL-5015 Style

JW Grand Clamp Type Termination Assembly

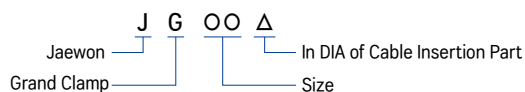
Size : 10SL, 14S, 16S, 16



Size : 18, 20, 22, 24, 28



Grand Clamp Part No. Classification



Grand Clamp Table

UNIT: mm

Part Number	Size	A	ØB	ØC (Cable Packing)	D (Grand Cap)	Application in Cable (Out DIA)	Cable Packing Composition (In DIA)
JG 10S	10SL	5/8-24 UNEF-2B	6.5	8.1	18.1	ø3.0~6.5	ø6.5 : 1EA ø8.5 : 1EA
JG 10L	10SL	5/8-24 UNEF-2B	8.5	8.1	18.1	ø4.0~7.9	ø8.5 : 1EA
JG 14S	14S	3/4-20 UNEF-2B	8.5	10.3	21.4	ø3.0~6.5	ø8.5 : 1EA ø10.0 : 1EA
JG 14L	14S	3/4-20 UNEF-2B	10.0	10.3	21.4	ø5.0~10.0	ø10.0 : 1EA
JG 16S	16	7/8-20 UNEF-2B	10.0	12.1	24.9	ø5.0~9.8	ø10.0 : 1EA ø13.0 : 1EA
JG 16L	16	7/8-20 UNEF-2B	13.0	12.1	24.9	ø5.6~11.9	ø13.0 : 1EA
JG 18S	18,20,22	1-20 UNEF-2B (18 Size) 1 3/16-18 UNEF-2B (20, 22 Size)	6.5	12.3	32.2	ø4.0~8.3	ø8.5 : 1EA ø10.0 : 1EA
JG 18M	18,20,22		10.5	12.3	32.2	ø8.2~10.5	ø10.5 : 1EA
JG 18L	18,20,22		13.5	14.0	32.2	ø10.5~13.5	ø13.5 : 1EA
JG 24S	24,28	1 7/16-18 UNEF-2B	13.5	18.5	38.0	ø10.5~13.5	ø13.5 : 1EA ø16.5 : 1EA
JG 24M	24,28	1 7/16-18 UNEF-2B	16.5	18.5	38.0	ø11.6~16.3	ø16.5 : 1EA
JG 24L	24,28	1 7/16-18 UNEF-2B	17.5	18.5	38.0	ø12.4~17.3	ø17.5 : 1EA

JW5015 series accessories

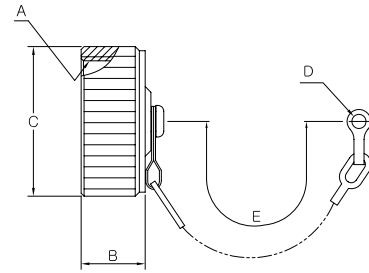
MIL-DTL-5015 Style

JW25043(MS25043) Protective Cap (Receptacle)

JW 25043 - 20D - 0 - 0

Part No. _____
Linkage _____
C-Chain, W-Stainless Wire
Finish _____

- 기본 : 국방 전착 도장
Basic : Cobalt Electro Deposition Coating
- 그외는 JW5015와 같다.
the others are same as JW5015 CONNECTOR



UNIT: mm

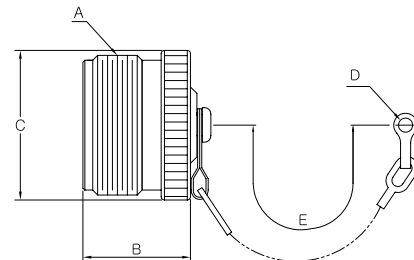
Part No.	Size	B Max.	ØC Max.	E ±One Link	ØD ±0.1 Max.	A Thread (Class : 2B)
10D	10S,10SL	11.91	20.70	84	3.9	5/8-24UNEF
14D	14,14S	11.91	25.58	84	3.9	7/8-20UNEF
16D	16,16S	11.91	30.18	84	3.9	1-20UNEF
18D	18	11.91	34.14	100	3.9	1 1/8-18UNEF
20D	20	11.91	37.31	100	3.9	1 1/4-18UNEF
22D	22	11.91	40.49	120	3.9	1 3/8-18UNEF
24D	24	11.91	43.66	120	3.9	1 1/2-18UNEF
28D	28	13.49	50.01	120	3.9	1 3/4-18UNS
32D	32	13.49	56.36	148	3.9	2-18UNS
36D	36	13.49	62.71	148	3.9	2 1/4-16UN

JW25042(MS25042) Protective Cap(Plug)

JW 25042 - 20D - 0 - 0

Part No. _____
Linkage _____
C-Chain, W-Stainless Wire
Finish _____

- 기본 : 국방 전착 도장
Basic : Cobalt Electro Deposition Coating
- 그외는 JW5015와 같다.
the others are same as JW5015 CONNECTOR



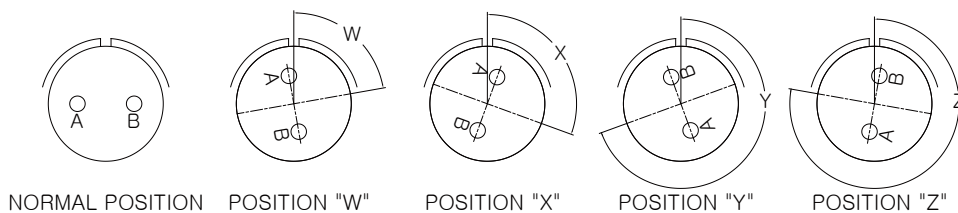
UNIT: mm

Part No.	Size	B Max.	ØC Max.	E ±One Link	ØD ±0.1 Max.	A Thread (Class : 2A)
10D	10S,10SL	16.66	17.45	125.0	3.9	5/8-24UNEF
14D	14,14S	21.44	23.80	125.0	3.9	7/8-20UNEF
16D	16,16S	21.44	26.97	125.0	3.9	1-20UNEF
18D	18	21.44	30.15	140.0	3.9	1 1/8-18UNEF
20D	20	21.44	33.32	140.0	3.9	1 1/4-18UNEF
22D	22	21.44	36.50	160.0	3.9	1 3/8-18UNEF
24D	24	21.44	39.67	160.0	3.9	1 1/2-18UNEF
28D	28	21.44	46.02	160.0	3.9	1 3/4-18UNS
32D	32	21.44	52.37	190.0	3.9	2-18UNS
36D	36	21.44	58.72	190.0	3.9	2 1/4-16UN

JW5015 series

Alternate Insert Positions (Insulator Rotation Angle)

Key way View(키 보기) : into front face of pin(+) insert or rear of socket(-) insert (핀(+) 삽입 전면측 또는 소켓(-) 삽입 후면측)



Shell Size	Contact Arrangement	Wire Size	Service Rating	Alternate Positions-Degrees			
				W	X	Y	Z
10SL	10SL-3	3#16	A	-	-	-	-
	10SL-4	2#16	A	-	-	-	-
14S	14S-2	4#16	Inst.	-	120	240	-
	14S-3	5#16	Inst.	-	110	-	-
	14S-4	3#16	A	90	180	-	-
	14S-5	2#16	A	70	145	-	-
	16S-01	8#18	A	-	-	-	-
16S	16S-1	7#16	A	80	-	-	280
	16S-4	2#16	D	35	110	250	325
	16S-5	3#16	A	70	145	215	290
	16S-6	3#16	A	90	180	270	-
	16S-8	5#16	A	-	170	265	-
16	16-9	2#16	A	35	110	250	325
		2#12	-	-	-	-	-
	16-10	3#12	A	90	180	270	-
	16-11	2#12	A	35	110	250	325
	16-13	2#12	A	35	110	250	325
18	18-1	10#16	A(B, C, F, G)	70	145	215	290
			Inst. (all others)	-	-	-	-
	18-3	2#162	D	35	110	250	325
	18-4	4#16	D	35	110	250	325
	18-5	1#16	D	80	110	250	280
		2#12	-	-	-	-	-
	18-8	7#16	A	70	-	-	290
		1#12	-	-	-	-	-
	18-9	5#16	Inst.	80	110	250	280
		2#12	-	-	-	-	-
	18-10	4#12	A	-	120	240	-
	18-11	5#12	A	-	170	265	-
	18-12	6#16	A	80	-	-	280
	18-13	3#12	A	80	110	250	280
		1#8	-	-	-	-	-
20	18-15	4#12	A	-	120	240	-
	18-22	3#16	D	70	145	215	290
	20-3	3#12	D	70	145	215	290
	20-4	4#12	D	45	110	250	-
	20-7	8#16	A(C-F)	80	110	250	280
			D(A, B, G, H)	-	-	-	-
	20-8	4#16	Inst.	80	110	250	280
		2#8	-	-	-	-	-
	20-14	3#12	A	80	110	250	280
		2#8	-	-	-	-	-
	20-15	7#12	A	80	-	-	280
	20-16	7#16	A	80	110	250	280
		2#12	-	-	-	-	-
	20-17	1#16	A	90	180	270	-
		5#12	-	-	-	-	-
22	20-18	6#16	A	35	110	250	325
		3#12	-	-	-	-	-
	20-19	3#8	A	90	180	270	-
	20-22	3#16	A	80	110	250	280
		3#8	-	-	-	-	-
	20-23	2#8	A	35	110	250	325
	20-24	2#16	A	35	110	250	325
		2#8	-	-	-	-	-
	20-27	14#16	A	35	110	250	325
	20-29	17#16	A	80	-	-	280
	20-33	11#16	A	-	-	-	-
	22-2	3#8	D	70	145	215	290
	22-4	2#12	A	35	110	250	325
		2#8	-	-	-	-	-
	22-5	4#16	D	35	110	250	325
22		2#12	-	-	-	-	-
	22-6	1#16	D	80	110	250	280
		2#8	-	-	-	-	-
	22-9	3#12	E	70	145	215	290
	22-10	4#16	E	35	110	250	325
	22-11	2#16	B	35	110	250	325
	22-12	3#16	D	80	110	250	280
		2#8	-	-	-	-	-
	22-13	1#16	A(A-D)	35	110	250	325
		4#12	D(E)	-	-	-	-
	22-14	19#16	A	80	110	250	280
	22-15	1#16	A(A-C, E, F)	80	110	250	280
		5#12	E(D)	-	-	-	-
	22-17	8#16	D(A)	80	110	250	280
		1#12	A(all others)	-	-	-	-
22	22-18	8#16	A(C-E)	80	110	250	280
			A(all others)	-	-	-	-
	22-19	14#16	A	80	110	250	280
	22-20	9#16	A	35	110	250	325
			-	-	-	-	-

Shell Size	Contact Arrangement	Wire Size	Service Rating	Alternate Positions-Degrees			
				W	X	Y	Z
22	22-22	4#8	A	-	110	250	-
	22-23	8#12	D(H)	35	-	250	-
			A(all others)	-	-	-	-
	*22-27	8#16	D(J)	80	-	250	280
		1#8	A(all others)	-	-	-	-
	22-28	7#12	A	80	-	-	280
	24-2	7#12	D	80	-	-	280
	*24-5	16#16	A	80	110	250	280
	24-6	8#12	D(A, G, H)	80	110	250	280
			A(all others)	-	-	-	-
24	24-7	14#16	A	80	110	250	280
		2#12	-	-	-	-	-
	24-9	2#4	A	35	110	250	325
	24-10	7#8	A	80	-	250	280
	24-11	6#12	A	35	110	250	325
		3#8	-	-	-	-	-
	24-12	3#12	A	80	110	250	280
		2#4	-	-	-	-	-
	24-20	9#16	D	80	110	250	280
		2#12	-	-	-	-	-
	24-22	4#8	D	45	110	250	-
	24-27	7#16	E	80	-	-	280
	24-28	24#16	Inst.	80	110	250	280
	28-1	6#12	D(A, E, J)	80	110	250	280
		3#8	AA(all others)	-	-	-	-
28	*28-2	12#16	D	35	110	250	325
		2#12	-	-	-	-	-
	28-7	2#4	D	35	110	250	325
	28-9	6#16	A	80	110	250	280
		6#12	D	-	-	-	-
	28-10	3#12	D(G)	80	110	250	280
		2#8	A(all others)	-	-	-	-
		2#4	-	-	-	-	-
	28-11	18#16	A	80	110	250	280
		4#12	-	-	-	-	-
	28-12	26#16	A	90	180	270	-
	28-15	35#16	A	80	110	250	280
	28-16	20#16	A	80	110	250	280
	28-17	15#16	A(A-L), B	80	110	250	280
			D(M-P)	-	-	-	-
32	*28-19	6#16	A(C, E, G, J, K, L)	80	110	250	280
		4#12	B(H, M), D(A, B)	-	-	-	-
	28-20	4#16	A	80	110	250	280
		10#12	-	-	-	-	-
	28-21	37#16	A	80	110	250	280
	*28-22	3#16	D	70	145	215	290
		3#4	-	-	-	-	-
	*32-1	3#12	E(A)	80	110	250	280
		2#0	D(all others)	-	-	-	-
	32-6	16#16	A	80	110	250	280
		2#12	-	-	-	-	-
		3#8	-	-	-	-	-
		2#4	-	-	-	-	-
	32-7	28#16	Inst. (A, B, H, J)	80	110	235	280
		7#12	A(all others)	-	-	-	-
36	32-8	24#16	A	80	110	235	280
		6#12	-	-	-	-	-
	*32-9	12#16	D	80	110	250	280
		2#4	-	-	-	-	-
	32-15	2#0	D	35	110	250	280
		6#12	-	-	-	-	-
	32-17	4#4	D	45	110	250	-
	36-4	3#0	A(B, C)	70	145	215	290
			D(A)	-	-	-	-
	36-5	4#0	A	-	120	240	-
	36-6	4#4	A	35	110	250	325
		2#0	-	-	-	-	-
	36-7	40#16	A	80	110	250	280
		7#12	-	-	-	-	-
	36-8	46#16	A	80	110	250	280
36		1#12	-	-	-	-	-
	36-9	14#16	A	80	125	235	280
		14#12	-	-	-	-	-
		2#8	-	-	-	-	-
		1#4	-	-	-	-	-
	36-10	48#16	A	80	125	235	280
	36-14	6#16	D	90	180	270	-
		5#12	-	-	-	-	-
		5#8	-	-	-	-	-
	*36-15	35#16	D(M)	60	125	245	305
36			A(all others)	-	-	-	-
			-	-	-	-	-

JW5015 series

MIL-C-5015 Connectors Contact Arrangements

1 CONTACTS



12S-4
1-#16
D



14S-4
1-#16
D



16S-3
1-#16
B



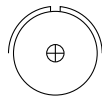
16-2
1-#12
E



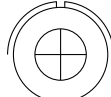
16-12
1-#4
A



18-7
1-#8
B



18-16
1-#12
C



22-7
1-#0
E

Shell Size & Insert Arrangement
No. of Contact & Contact Size
Service Rating

2 CONTACTS



10SL-4
2-#16
A



14S-9
2-#16
A



16S-4
2-#16
D



16-11
2-#12
A



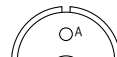
16-13
2-#12
A



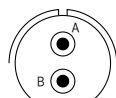
18-3
2-#12
D



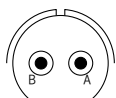
18-14
1-#16, 1-#4
A



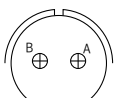
20-12
1-#16, 1-#4
A



20-23
2-#8
A



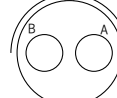
22-1
2-#8
D



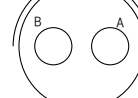
22-8
2-#12
E



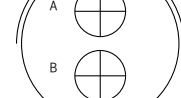
22-11
2-#16
B



24-9
2-#4
A



28-7
2-#4
A



32-5
2-#0
D

3 CONTACTS



10SL-3
3-#16
A



14S-1
3-#16
A



100° Rotation of (14S-7)
14S-12
3-#16
A



16S-5
3-#16
A



16S-6
3-#16
A



16-7
2-#16, 1-#8
A



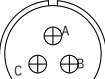
16-10
3-#12
A



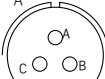
18-5
1-#16, 2-#12
D



18-22
3-#16
D



20-3
3-#12
D



20-6
3-#16
D



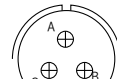
20-19
3-#8
A



22-2
3-#8
D



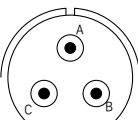
22-6
1-#16, 2-#8
D



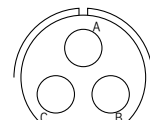
22-9
3-#12
E



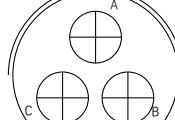
22-21
2-#16, 1-#0
A



28-3
3-#8
E



28-6
3-#4
D



36-4
3-#0
D(A), A(BC)

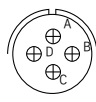
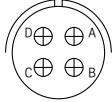
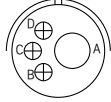
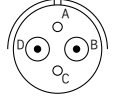
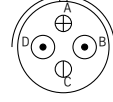
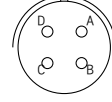
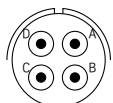
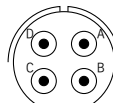
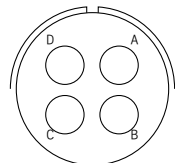
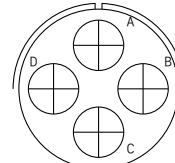
Contact Legend



JW5015 series

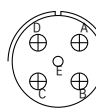
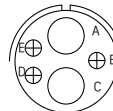
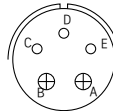
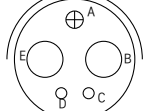
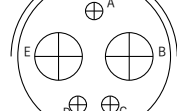
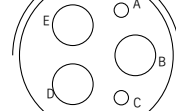
MIL-C-5015 Connectors Contact Arrangements

4 CONTACTS

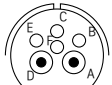
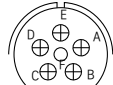
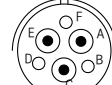
14S-2
4-#16
inst.100° Rotation of (14S-2)
14S-10
inst.16-9
2-#16, 2-#12
A18-4
4-#16
D18-10
4-#12
D18-13
3-#12, 1-#8
A18-15
4-#12
A20-4
4-#12
D20-20
3-#12, 1-#4
A20-24
2-#16, 2-#8
A22-4
4-#16
A22-10
4-#16
E22-22
4-#8
A24-22
4-#8
D32-17
4-#4
D36-5
4-#0
A

Shell Size & Insert Arrangement
No. of Contact & Contact Size
Service Rating

5 CONTACTS

14S-5
5-#16
inst.16S-8
5-#16
A18-11
5-#12
A18-20
5-#16
A18-29
5-#16
A100° Rotation of (18-20)
18-30
5-#16
A20-14
3-#12, 2-#8
A22-12
3-#16, 2-#8
D22-13+
1-#16, 4-#12
A(A, B, C, D), D(E)22-34
2-#16, 3-#12
D24-12
3-#16, 2-#12
D24-17
3-#16, 2-#12
D28-5
2-#16, 1-#12, 2-#4
D32-1
3-#12, 2-#0
E(A), D(B, C, D, E)32-2
2-#16, 3-#4
E

6 CONTACTS

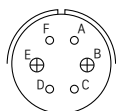
14S-6
6-#16
inst.18-12
6-#16
A20-8
4-#16, 2-#8
inst.20-17
1-#16, 5-#12
A20-22
3-#16, 3-#8
A

Contact Legend

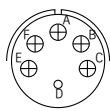
JW5015 series

MIL-C-5015 Connectors Contact Arrangements

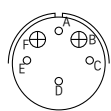
6 CONTACTS



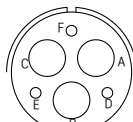
22-5
4-#16, 2-#12
D



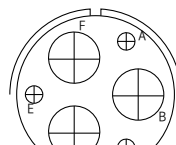
22-15
1-#16, 5-#12
A(A,B,C,E,F), E(D)



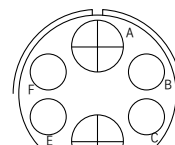
22-24
4-#16, 5-#12
A(A,B,F), D(C,D,E)



28-22
3-#16, 3-#4
D



36-3
3-#12, 3-#0
D



36-3
4-#4, 2-#0
A

7 CONTACTS



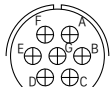
16S-1
7-#16
A



18-9
5-#16, 2-#12
inst.



100° Rotation of (18-9)
18-17
5-#16, 2-#12
inst.



20-15
7-#12
A



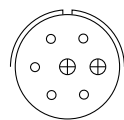
22-28
7-#12
A



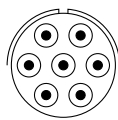
22-33
7-#16
D(A~D), A(E~G)



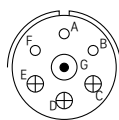
24-2
7-#12
D



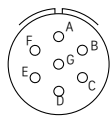
24-3
5-#16, 2-#12
D



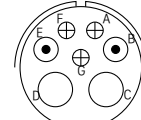
24-10
7-#8
A



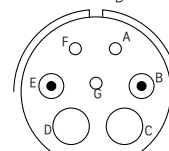
24-16
3-#16, 3-#12, 1-#8
D(A,B,G), A(C,D,E)



24-27
7-#16
E



28-10
3-#12, 2-#8, 2-#4
D(G)BAL=A



32-10
3-#16, 2-#8, 2-#4
E(A,F), A(C,D), D(B,E)

8 CONTACTS



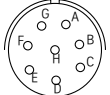
18-8
7-#16, 1-#12
A



20-7
8-#16
D(A,B,G,H), A(C,D,E,F)



20-9
7-#16, 1-#12
BAL=A



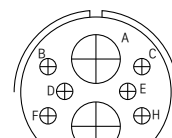
22-18
8-#16
D(A,B,F,G,H), A(C,D,E)



22-23
8-#16
D(H), BAL=A



24-6
8-#12
D(A,G,H), BAL=A



32-15
6-#12, 2-#0
D

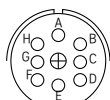
9 CONTACTS



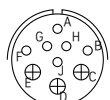
20-16
7-#16, 1-#12
A



20-18
6-#16, 3-#12
A



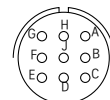
20-21
B-#16, 1-#12
A



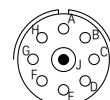
22-16
6-#16, 3-#12
A



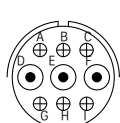
22-17
8-#16, 1-#12
D(A), BAL=A



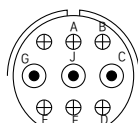
22-20
9-#16
A



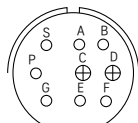
22-27
8-#16, 1-#8
D(J), BAL=A



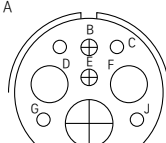
24-11
6-#12, 3-#8
A



28-1
6-#12, 3-#8
D(A,J,E), BAL=A



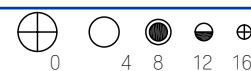
28-4
7-#16, 2-#12
E(G,P,S), BAL=D



32-3
4-#16, 2-#4, 2-#12, 1-#0
D

Shell Size & Insert Arrangement
No. of Contact & Contact Size
Service Rating

Contact Legend



JW5015 series

MIL-C-5015 Connectors Contact Arrangements

10 CONTACTS

Shell Size & Insert Arrangement
No. of Contact & Contact Size
Service Rating



18-1
10-#16
A,B,C,G=Inst., BAL.



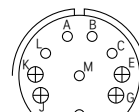
18-19
10-#16
A



250° Rotation of (18-1)
18-24
10-#16
A(B,C,F,G)Inst., BAL.

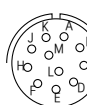


24-21
9-#16, 1#8
D



28-19
6-#16, 4-#12
B(H,M),D,B,BAL.=A

11 CONTACTS



20-33
11-#16
A



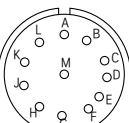
24-20
9-#16, 2-#12
D



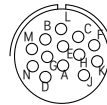
28-8
10-#16, 2-#12
E(L,M), D,B,BAL.=A



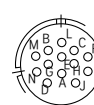
28-9
6-#16, 6-#12
D



28-18
12-#16
C,M,D(G,H,J,K,L), A(A,B)=Inst.
BAL.



20-11
13-#16
Inst.



100° Rotation of (20-11)
20-25
13-#16
Inst.



250° Rotation of (20-11)
20-30
13-#16
Inst.

12 CONTACTS

13 CONTACTS

14 CONTACTS



20-27
14-#16
A



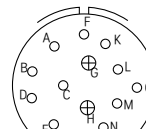
22-19
14-#16
A



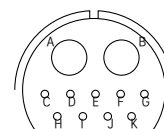
28-20
12-#16, 10-#12
D



28-20
4-#16, 10-#12
A



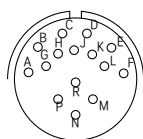
32-4
12-#16, 2-#12
A,F(J,K,N), D,B,BAL.=D



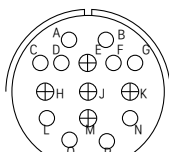
32-9
12-#16, 2-#4
D

15 CONTACTS

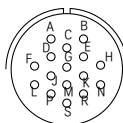
16 CONTACTS



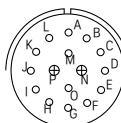
28-17
15-#16
B(R),O(M,N,P), A(A-L)



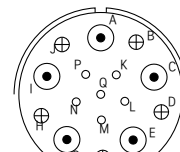
32-12
10-#16, 5-#12
A(C,D,E,F,G) BAL.=D



24-5
16-#16
A



24-7
4-#16, 2-#12
A



36-14
6-#16, 5-#8, 5-#12
D

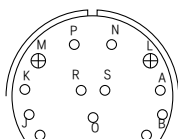
17 CONTACTS

19 CONTACTS

20 CONTACTS



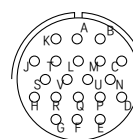
20-29
17-#16
A



36-13
15-#16, 2-#12
E(N,P,O), BAL.=A

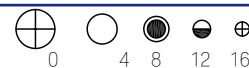


22-14
19-#16
A



28-16
20-#16
A

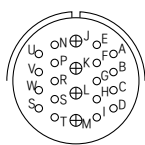
Contact Legend



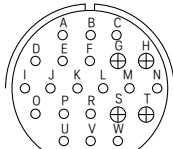
JW5015 series

MIL-C-5015 Connectors Contact Arrangements

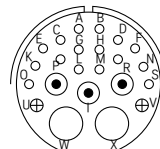
22 CONTACTS



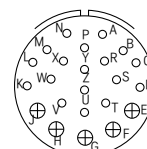
28-11
18-#16, 4-#12
A



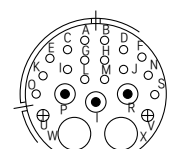
36-1
18-#16, 4-#12
D



32-6
16-#16, 3-#8, 2-#12, 2-#4
A



32-13
18-#16, 5-#12
D



100° Rotation of (32-6)
32-16
16-#16, 3-#8, 2-#12, 2-#4
D

Shell Size & Insert Arrangement
No. of Contact & Contact Size
Service Rating

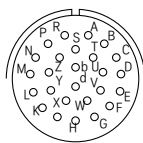
23 CONTACTS

24 CONTACTS

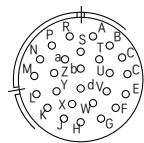


24-28
24-#16
Inst

26 CONTACTS

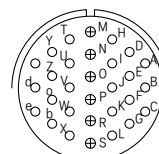


28-12
26-#16
A



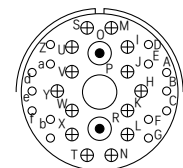
100° Rotation of (28-12)
28-13
26-#16
A

30 CONTACTS



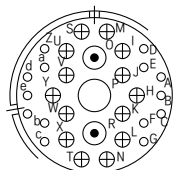
32-8
24-#16, 6-#12
A

31 CONTACTS



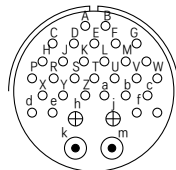
36-9
14-#16, 2-#8, 14-#12, 1-#4
A

31 CONTACTS



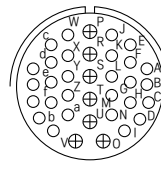
100° Rotation of (36-9)
36-18
14-#16, 2-#8, 14-#12, 1-#4
A

34 CONTACTS

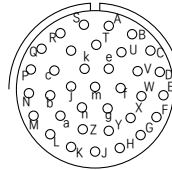


36-20
30-#16, 2-#12, 2-#8
A

35 CONTACTS

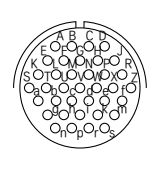


32-7
28-#16, 7-#12
a,b,h,j=Inst., BAL.=A



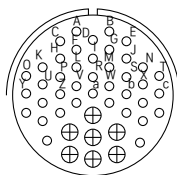
36-15
36-#16
D(M), BAL.=A

37 CONTACTS

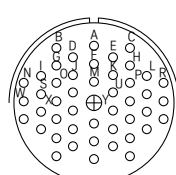


28-21
37-#16
A

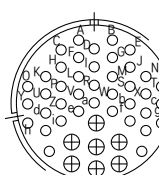
47 CONTACTS



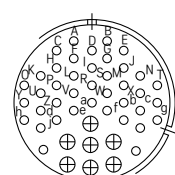
36-7
40-#16, 7-#12
A



36-8
46-#16, 1-#12
A

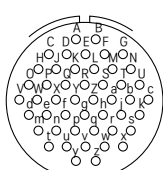


100° Rotation of (36-7)
36-16
40-#16, 7-#12

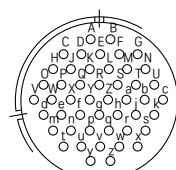


110° Rotation of (36-7)
36-17
40-#16, 7-#12

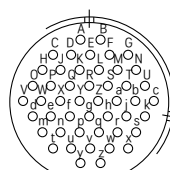
48 CONTACTS



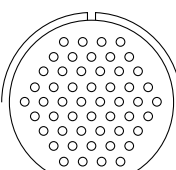
36-10
48-#16
A



100° Rotation of (36-10)
36-11
48-#16
A



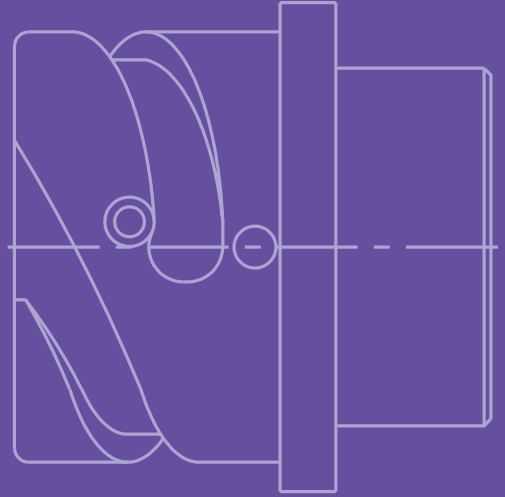
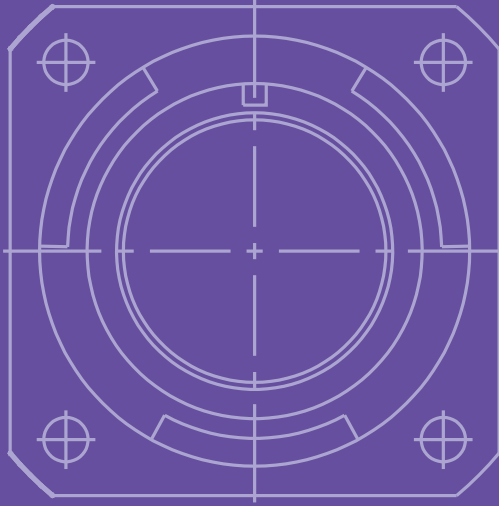
100° Rotation of (36-10)
36-12
48-#16
A



36-52
52-#16
A

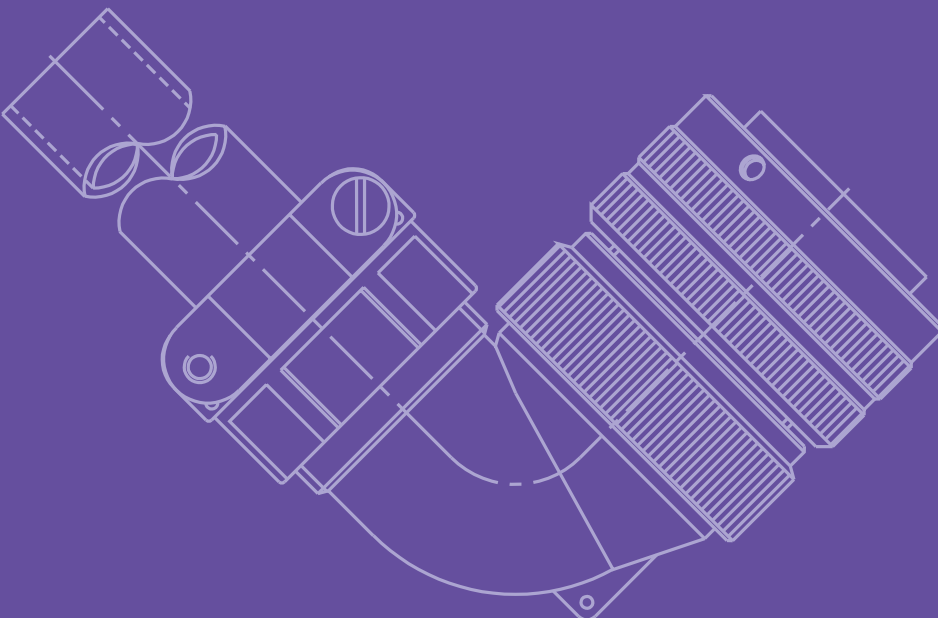
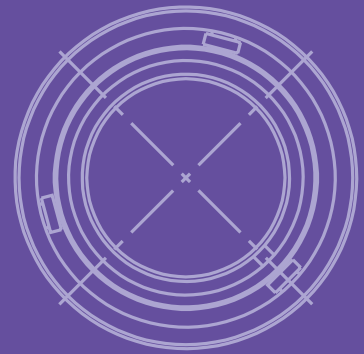


Contact Legend



JVG95234 Connector

(VG95234 Connector)



품명구성 Ordering Information

JVG Nomenclature

JVG95234A32-6S1N

Series

Shell Type

Shell Size

Contact Arrangement

Contact Class

Contact Type

Alternate Insert Position

• JVG Shell Type

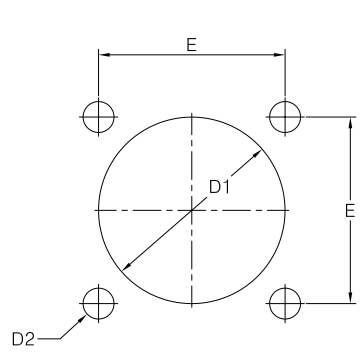
Shell Type	Cable Clamp
00 A	JW3057 JW Grand
00 B	
01 A	-
01 B	
02 A	-
02 B	
06 (straight Plug)	JW3057
08 (90° angle Plug)	JW Grand

• JVG와 MS/VG 조건표

JVG Shell Type	MS/VG	Cable Clamp
00 A	MS 3101A	JW3057 JW Grand
00 B		
01 A	MS 3101A	-
01 B		
02 A	VG95234 A	-
02 B	VG95234 B	
06 (straight Plug)	VG95234 D, G, H, M	JW3057
08 (90° angle Plug)	VG95234 E, K	JW Grand

• Nomenclature(분류기준)

Classification	구 성 품
Shell Size	JW5015와 동일 same as JW5015
Contact Arrangement	
Contact Class	
Contact Type	
Alternative Insert Position	



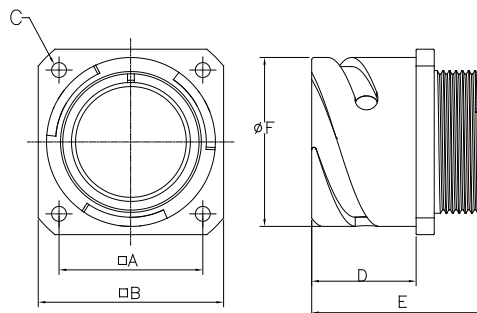
JVG02 Application(Same with JW3102)

Size	D1	D2		E ±0.1
		±0.1	Screw hole application	
10SL	17.0	3.4	4.5	18.2
14S	20.0	3.4	4.5	23.0
16S/16	23.0	3.4	4.5	24.6
18	31.5	3.4	4.5	27.0
20	35.0	3.4	4.5	29.4
22	38.5	3.4	4.5	31.8
24	41.6	3.9	5.5	34.9
28	47.5	3.9	5.5	39.7
32	49.0	4.5	5.5	44.5
36	53.5	4.5	5.5	49.2

JVG95234 series

VG95234

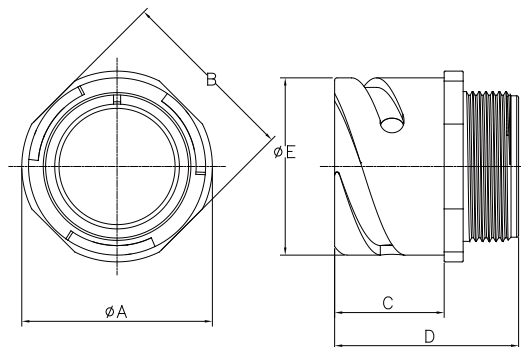
JVG 00 (In-Line Receptacle)



UNIT: mm

Size	A ±0.1	B ±0.2	ØC ±0.1	D +0.1/-0.0	E ±0.2	ØF +0.1/-0.0	Pannel Mounting
10SL	18.26	25.40	3.20	14.30	25.50	18.15	Rear
14s	23.01	30.20	3.20	14.90	27.10	24.55	Rear
16s	24.61	32.54	3.20	14.20	26.20	27.35	Rear
16	24.61	32.54	3.20	19.20	35.10	27.35	Rear
18	26.97	34.93	M4X0.7	23.10	39.40	30.75	Front
20	29.36	38.10	M4X0.7	23.10	39.10	34.15	Front
22	31.75	41.28	M4X0.7	23.10	39.10	37.35	Front
24	34.93	44.45	M5X0.8	23.10	39.10	40.85	Front
28	39.67	50.80	M5X0.8	24.10	40.10	46.65	Front
32	44.45	57.15	4.30	22.50	38.50	53.35	Rear
36	49.23	63.50	4.30	22.50	38.50	59.55	Rear

JVG 01 (In-Line Receptacle)



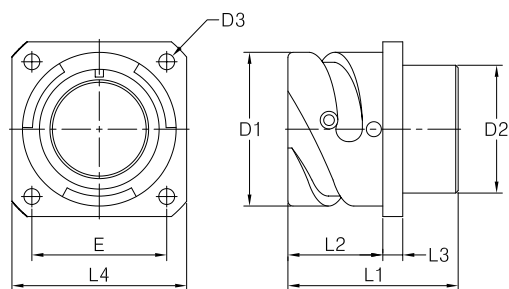
UNIT: mm

Size	ØA +0.0/-0.1	B ±0.1	C +0.1/-0.0	D ±0.1	ØE +0.0/-0.05	Pannel Mounting
10SL	25.20	20.60	14.30	25.50	18.15	Rear
14s	29.80	25.40	14.90	27.10	24.55	Rear
16s	32.30	28.60	14.20	26.20	27.35	Rear
16	32.30	28.60	19.20	35.10	27.35	Rear
18	34.80	31.70	23.10	39.40	30.75	Front
20	37.80	34.90	23.10	39.10	34.15	Front
22	40.80	38.10	23.10	39.10	37.35	Front
24	44.30	41.30	23.10	39.10	40.85	Front
28	50.60	47.60	24.10	40.10	46.65	Front
32	56.80	54.00	22.50	38.50	53.35	Rear
36	60.60	60.60	22.50	38.50	59.55	Rear

JVG95234 series

VG95234

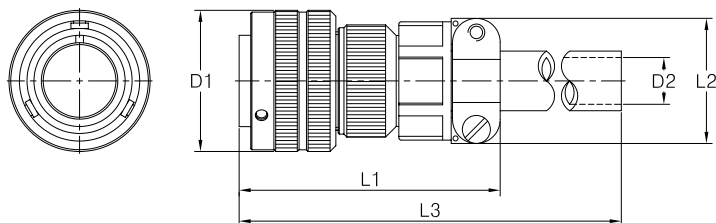
JVG 02(In-Line Receptacle, JW3102A Style)



UNIT: mm

Size	ØD1 +0.0/-0.15	ØD2 Max.	D3 ±0.1	E ±0.1	L1 Max.	L2 +0.1/-0.0	L3 ±0.1	L4 ±0.2	Pannel Mounting
10SL	18.15	16.0	3.2	18.2	25.5	14.3	2.8	25.4	Rear
14s	24.55	18.9	3.2	23.0	27.1	14.90	3.2	30.2	Rear
16s	27.35	22.4	3.2	24.6	25.6	14.50	3.2	32.5	Rear
16	27.35	22.4	3.2	24.6	35.1	19.20	2.9	32.5	Rear
18	30.75	25.4	M4X0.7	27.0	35.0	23.4	4.0	34.9	Front
20	34.15	28.6	M4X0.7	29.4	35.2	23.1	4.0	38.1	Front
22	37.35	31.3	M4X0.7	31.8	35.2	23.1	4.0	41.3	Front
24	40.85	35.6	M5X0.8	34.9	34.3	24.2	4.1	44.5	Front
28	46.65	40.7	M5X0.8	39.7	34.3	24.2	4.1	50.8	Front
32	53.35	47.9	4.3	44.5	35.4	22.5	4.0	57.1	Rear
36	59.55	52.4	4.3	49.2	35.4	22.5	4.0	63.5	Rear

JVG 06(Straight Plug, JW3106A Style)



UNIT: mm

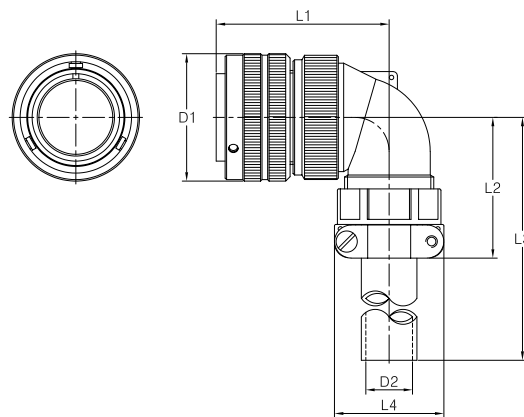
Size	ØD1 Max.	ØD2 Max.	L1 Max.	ØL2 Max.	L3 Max.
10SL	22.8	5.58	64.0	22.7	115.0
14s	22.9	7.92	69.0	27.5	115.0
16s	32.0	11.09	71.0	30.0	115.0
16	32.0	11.09	82.0	30.0	120.0
18	36.5	14.27	82.0	33.0	120.0
20	39.9	15.87	82.0	37.5	120.0
22	43.1	15.87	83.0	37.5	120.0
24	46.6	19.05	87.0	43.3	120.0
28	53.4	19.05	93.0	43.3	120.0
32	60.1	23.79	99.0	51.7	120.0
36	66.3	31.75	100.0	58.0	130.0

JVG95234 series

VG95234

JVG 08 (Plug 90°)

VG95234 K, E1 Style



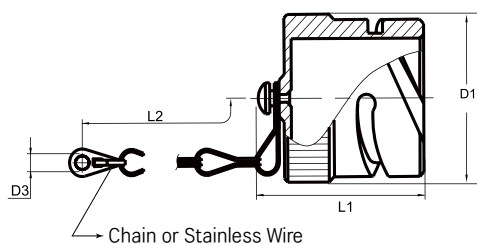
UNIT: mm

Size	ØD1	ØD2	L1	L2	L3 Max.	L4
10SL	22.8	5.58	45.0	42.0	100.0	22.7
14s	29.20	9.00	47.00	42.0	30.00	27.5
16s	32.00	11.00	48.00	45.0	30.00	30.0
16	32.00	11.00	57.00	45.0	30.00	30.0
20	39.9	15.87	61.0	61.0	100.0	37.5
22	43.1	15.87	61.0	61.0	100.0	37.5
24	46.6	19.05	66.0	66.0	100.0	43.3
28	53.4	19.05	66.0	66.0	100.0	43.3
32	60.1	23.79	72.0	72.0	100.0	51.7
36	66.3	31.75	75.0	75.0	110.0	58.0

Metal Dust Caps(With Chain)

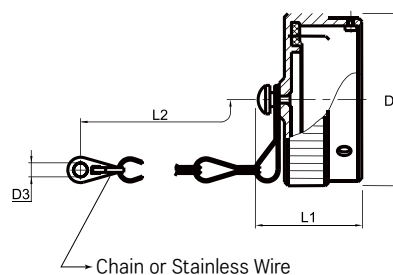
JVGKB(VG95234KB Style)

JVGKR(VG95234KR Style)



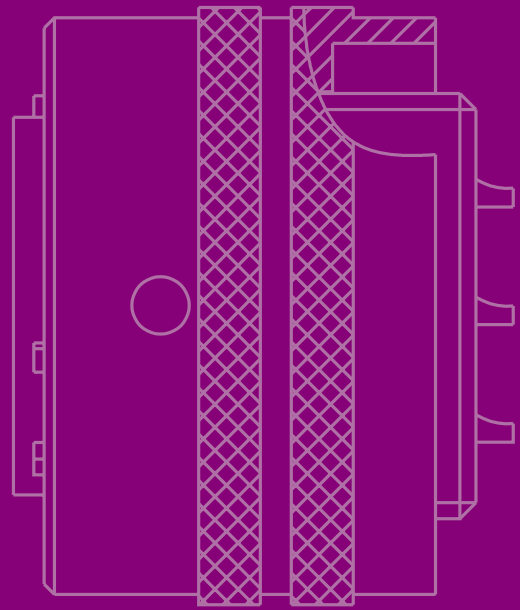
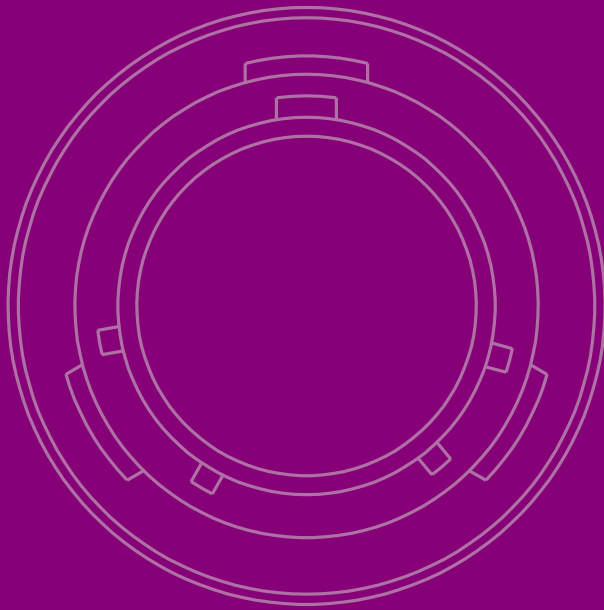
UNIT: mm

Size	ØD1 Max.	ØD3 ±0.1	L1 Max.	L2 ±0.5
10SL	21.0	3.9	29.0	125.0
14s	27.5	3.9	29.0	125.0
16s	30.0	3.9	37.0	125.0
16	30.0	3.9	37.0	125.0
18	33.5	3.9	37.0	140.0
20	37.5	3.9	37.0	140.0
22	40.0	3.9	37.0	160.0
24	43.5	3.9	37.0	160.0
28	49.5	3.9	37.0	160.0
32	56.0	3.9	37.0	190.0
36	62.5	3.9	37.0	190.0



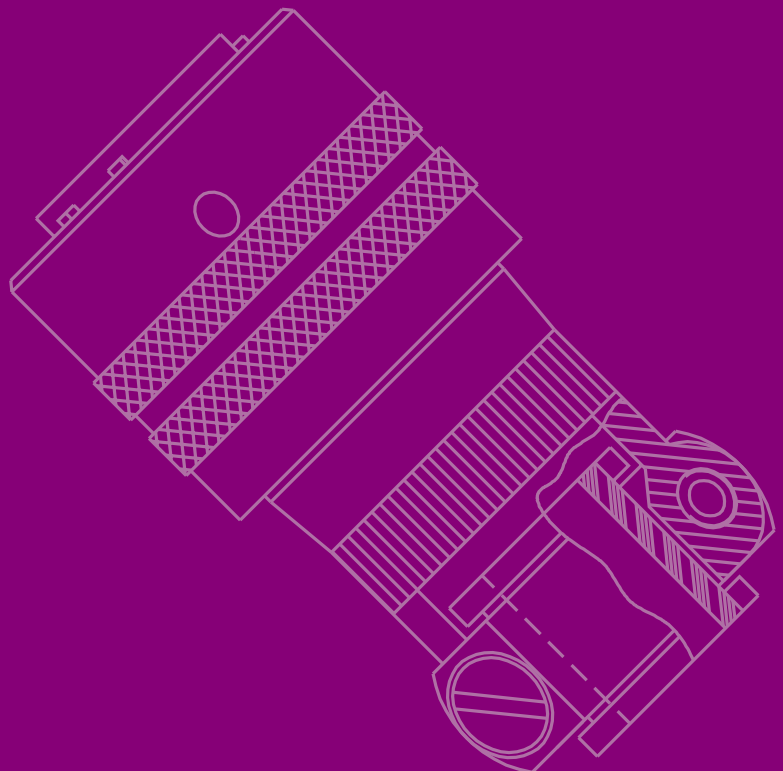
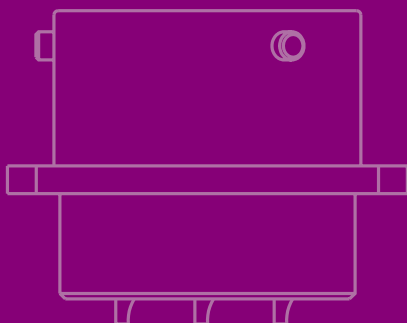
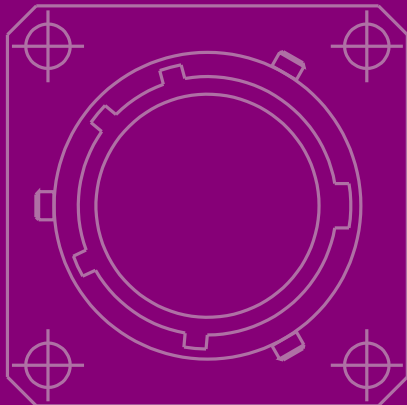
UNIT: mm

Size	ØD1 Max.	ØD3 ±0.1	L1	L2 ±0.5
10SL	22.8	3.9	20.0	125.0
14s	29.2	3.9	20.0	125.0
16s	32.0	3.9	20.0	125.0
16	32.0	3.9	25.0	125.0
18	36.5	3.9	25.0	140.0
20	39.9	3.9	25.0	140.0
22	43.1	3.9	25.0	160.0
24	46.6	3.9	25.0	160.0
28	53.4	3.9	25.0	160.0
32	60.1	3.9	25.0	190.0
36	66.3	3.9	25.0	190.0



JW26482-I Connector

(MIL-DTL-26482-I Style Connector)

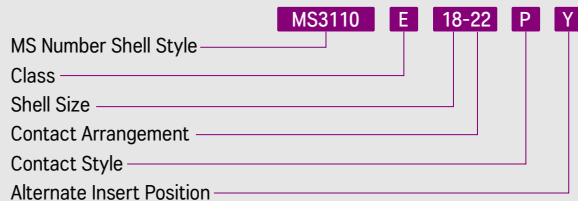


JW26482-I series

MIL-DTL-26482-I Style Connector

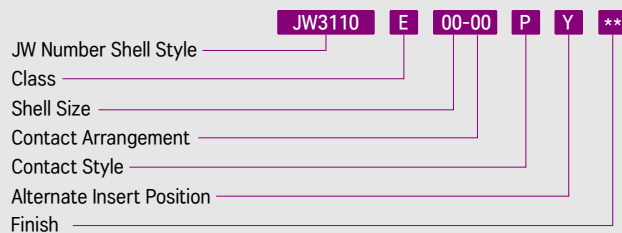
품명구성 Ordering Information

Military Nomenclature



- **MS Number Shell Style**
 - MS3110 - Wall Mounting Receptacle
 - MS3111 - Cable Connecting Plug
 - MS3112 - Box Mounting Receptacle (Class E Only)
 - MS3116 - Straight Plug
 - MS3119 - Thru-Bulkhead Receptacle (Class E Only)
- **Class**
 - A - General Duty(not MS Approved)
 - E - Grommet seal except on 3112 (MS Specification)
 - F - Grommet seal with strain relief (MS Specification)
 - P - Potted (MS Specification)
- **Shell Size**
 - 8, 10, 12, 14, 16, 18, 20, 22
- **Contact Arrangement**
 - MIL-STD-1669
- **Contact Style**
 - P - Pin
 - S - Socket
- **Alternate Insert Position**
 - N(Normal), W, X, Y, Z(MIL-STD-1669)

JAEWON Nomenclature



- **JW Number Shell Style**
 - JW3110 - Wall Mounting Receptacle
 - JW3111 - Cable Connecting Plug
 - JW3112 - Box mounting Receptacle (Class E Only)
 - JW3114 - Jam Nut Receptacle
 - JW3116 - Straight Plug
- **Class**
 - A - General Duty(not MS Approved)
 - E - Grommet seal except on 3112 (MS Specification)
 - F - Grommet seal with strain relief (MS Specification)
 - P - Potted (MS Specification)
- **Shell Size**
 - 8, 10, 12, 14, 16, 18, 20, 22
- **Contact Arrangement**
 - MIL-STD-1669에 따름
- **Contact Style**
 - Plating : 금 또는 주석, Gold or Tinning
 - P - Pin, S - Socket
- **Alternate Insert Position**
 - N(Normal), W, X, Y, Z (MIL-STD-1669)
- **Finish**
 - 01 - 국방 전착 도장 Cobalt Electro Deposition Coating
 - 02 - 카드뮴 도금 Cadmium, Olive Drab
 - 03 - 블랙 아노다이징 Black Anodize
 - 04 - 무전해 니켈 도금 Electroless Nickel plate
- **기본 표면처리 구성 Basic Specification of Finish**
 - A Type - 몸체 Shell : 국방 전착 도장 Cobalt Electro Deposition Coating
 - Contact : 주석도금 Tinning plating
 - B Type - 몸체 Shell : 카드뮴 도금 Cadmium Olive drab,
 - Contact : 금도금 Gold plating

JW26482-I series

MIL-DTL-26482-I Style

결합안내 Mating Face View



기술적 정보 Technical Data

표준 재질 Standard Materials

Portion	Materials
몸체 Shell	Aluminum Alloy
절연체 Insulator	Polychloroprene
절연체 패킹 Grommet and seal	Polychloroprene
접점 Contacts	Copper alloy

전기적 특성 Electrical Data

Wire Range Accommodations		Insulation O.D. Limits		Contact Rating			
Contact size	AWG Wire size	Min.	Max.	Contact size	Rated Amps	Test Current	Millivolt Drop
20	24, 22, 20	1.52	2.11	20	7.5	7.5	55
16	20, 18, 16	1.68	2.77	16	22.0	13.0	49
12	12, 14	2.46	3.61	12	23.0	20.0	42

Dielectric Withstanding Voltage

Service Rating	Operating Voltage. Max.		Test Voltage. AC(rms), 60cps			
	AC(rms)	DC	Sea Level	50,000(ft)	70,000(ft)	110,000(ft)
I	600	850	1500	500	375	200
II	1000	1275	2300	750	500	200

절연저항 Insulation Resistance	5,000MMΩ Min. (at 25℃)
사용온도범위 Operating Temperature Range	-55℃ ~ +125℃
내구성 Durability	500 cycle, mate and unmate

JW26482-I series

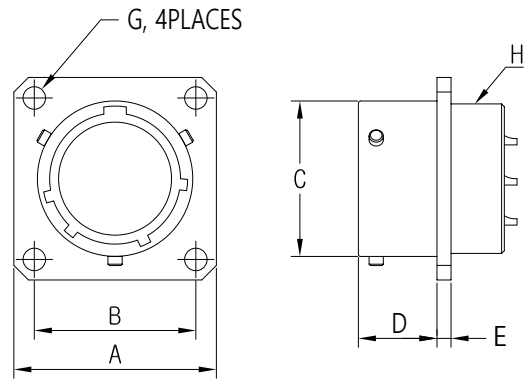
MIL-DTL-26482-I Style

JW3110 Wall Mounting Receptacle (MS3110 Style)

JW3110 CLASS "A", "E", "F", "P"

E, F Type - 절연체 패킹 및 부싱포함

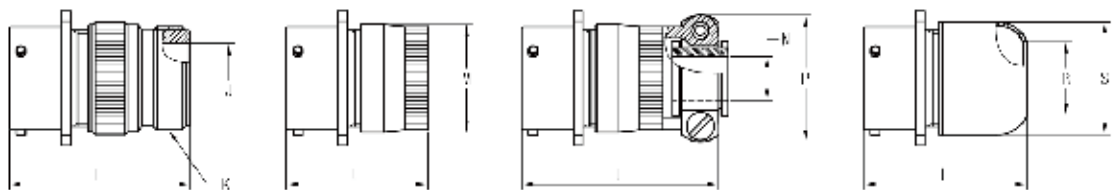
E, F Type - Includes grommet and bushing



UNIT: mm

Size	A Max.	B ±0.10	C Dia. ±0.00 -0.15	D ±0.79 -0.00	E ±0.41	G Dia. ±0.13	H Thread. (Class : 2A)
8	21.03	15.09	12.04	10.95	1.57	3.05	7/16-28UNEF
10	24.23	18.26	15.01	10.95	1.57	3.05	9/16-24UNEF
12	26.59	20.62	19.08	10.95	1.57	3.05	11/16-24UNEF
14	28.98	23.01	22.25	10.95	1.57	3.05	13/16-20UNEF
16	31.34	24.61	25.43	10.95	1.57	3.05	15/16-20UNEF
18	33.73	26.97	28.60	10.95	1.57	3.05	1 1/16-18UNEF
20	36.91	29.36	31.78	14.12	2.39	3.05	1 3/16-18UNEF
22	40.08	31.75	34.95	14.12	2.39	3.05	1 5/16-18UNEF

Termination Assembly



"A" TYPE

"E" TYPE

"F" TYPE

"P" TYPE

UNIT: mm

Size	CLASS "A"			CLASS "E"		CLASS "F"			CLASS "P"		
	L Max.	J Dia. .	K Thread. (Class : 2A)	L Max.	M Dia. Max.	L Max.	N Dia. Min.	P Max.	L Max.	R Dia. Min.	S Dia. Max.
8	36.68	8.15	7/16-28UNEF	33.73	15.44	48.82	2.92	21.03	36.91	8.05	15.44
10	36.68	11.84	9/16-24UNEF	33.73	18.64	48.82	4.52	22.63	36.91	11.02	18.64
12	36.68	15.01	11/16-24UNEF	33.73	21.79	48.82	7.67	25.81	36.91	13.92	21.79
14	36.68	19.05	13/16-20UNEF	33.73	24.99	48.82	9.27	28.98	36.91	17.09	24.99
16	36.68	21.08	15/16-20UNEF	33.73	28.19	51.99	12.45	30.56	36.91	20.27	28.19
18	36.68	24.08	1 1/16-18UNEF	33.73	31.34	52.78	15.62	37.31	36.91	22.83	31.34
20	43.89	26.49	1 3/16-18UNEF	38.89	34.54	59.54	15.62	37.31	42.47	26.01	34.54
22	43.89	30.43	1 5/16-18UNEF	38.89	37.69	59.54	18.80	42.06	42.47	29.18	37.69

JW26482-I series

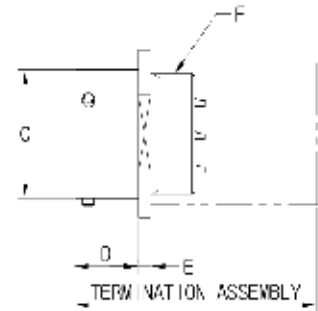
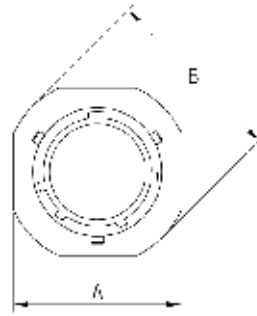
MIL-DTL-26482-I Style

JW3111 Cable Connecting (MS3111 Style)

JW3111 CLASS "A", "E", "F", "P"

E, F Type - 절연체 패킹 및 부싱포함

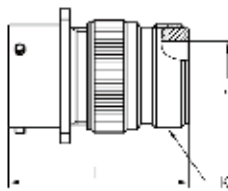
E, F Type - Includes grommet and bushing



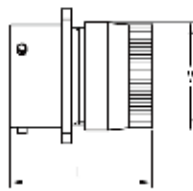
UNIT: mm

Size	A Max.	B Dia. ±0.51	C Dia. ±0.00 -0.15	D ±0.79 -0.00	E ±0.41	H Thread. (Class : 2A)
8	21.03	23.83	12.04	10.16	2.39	7/16-28UNEF
10	24.23	26.97	15.01	10.16	2.39	9/16-24UNEF
12	26.59	29.36	19.08	10.16	2.39	11/16-24UNEF
14	28.98	31.75	22.25	10.16	2.39	13/16-20UNEF
16	31.34	34.14	25.43	10.16	2.39	15/16-20UNEF
18	33.73	36.53	28.60	10.16	2.39	1 1/16-18UNEF
20	36.91	39.67	31.78	13.59	2.92	1 3/16-18UNEF
22	40.08	42.88	34.95	13.59	2.92	1 5/16-18UNEF

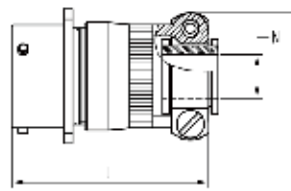
Termination Assembly



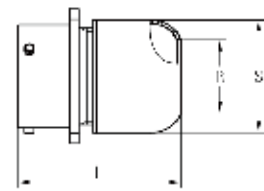
"A" TYPE



"E" TYPE



"F" TYPE



"P" TYPE

UNIT: mm

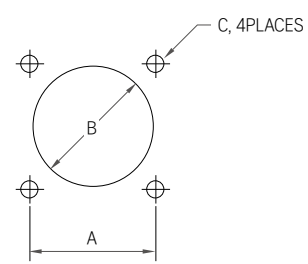
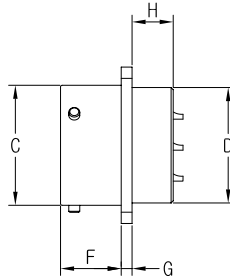
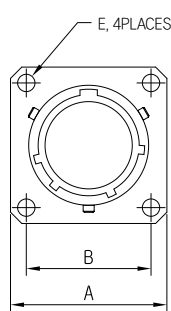
Size	CLASS "A"			CLASS "E"		CLASS "F"			CLASS "P"		
	L Max.	G Dia. Min.	K Thread. (Class : 2A)	L Max.	J Dia. Max.	L Max.	K Dia. Min.	M Max.	L Max.	N Dia. Min.	P Dia. Max.
8	36.68	8.15	1/2-28UNEF	33.73	15.44	48.82	2.92	21.03	36.91	8.05	15.44
10	36.68	11.84	5/8-24UNEF	33.73	18.64	48.82	4.52	22.63	36.91	11.02	18.64
12	36.68	15.01	3/4-24UNEF	33.73	21.79	48.82	7.67	25.81	36.91	13.92	21.79
14	36.68	19.05	7/8-20UNEF	33.73	24.99	48.82	9.27	28.98	36.91	17.09	24.99
16	36.68	21.08	1-20UNEF	33.73	28.19	51.99	12.45	30.56	36.91	20.27	28.19
18	36.68	24.08	1 3/16-18UNEF	33.73	31.34	52.78	15.62	37.31	36.91	22.83	31.34
20	43.89	26.49	1 3/16-18UNEF	38.89	34.54	59.54	15.62	37.31	42.47	26.01	34.54
22	43.89	30.43	1 7/16-18UNEF	38.89	37.69	59.54	18.80	42.06	42.47	29.18	37.69

JW26482-I series

MIL-DTL-26482-I Style

JW3112E, Box Mounting Receptacle (MS 3112 Style)

Box and Wall Mounting Receptacle (Front Mounting)



UNIT: mm

Size	A Max.	B ±0.10	ØC +0.00 -0.15	ØD Max.	ØE ±0.13	F +0.79 -0.00	G ±0.41	H
8	21.03	15.09	12.04	11.91	3.05	10.95	1.57	8.99
10	24.23	18.26	15.01	15.06	3.05	10.95	1.57	8.99
12	26.59	20.62	19.08	18.26	3.05	10.95	1.57	8.99
14	28.98	23.01	22.25	21.41	3.05	10.95	1.57	8.99
16	31.34	24.61	25.43	24.61	3.05	10.95	1.57	8.99
18	33.73	26.97	28.60	27.76	3.05	10.95	1.57	8.99
20	36.91	29.36	31.78	30.96	3.05	14.12	2.39	10.59
22	40.08	31.75	34.95	34.11	3.05	14.12	2.39	10.59

UNIT: mm

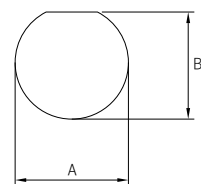
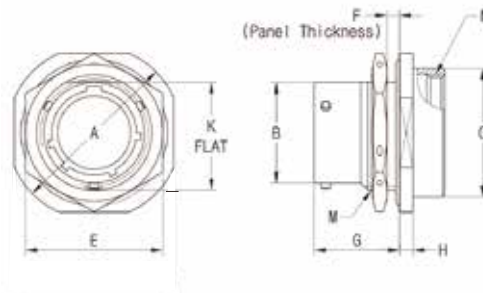
Size	A	ØB +0.25 -0.00	ØC ±0.13
8	15.09	15.0	3.17
10	18.26	18.0	3.17
12	20.62	21.0	3.17
14	23.01	24.0	3.17
16	24.61	27.0	3.17
18	26.97	30.0	3.17
20	29.36	34.0	3.17
22	31.75	36.0	3.17

Jam Nut Receptacle (MS3114)

JW3114 Jam Nut Receptacle (MS3114 Style)

F TYPE - 절연체 패킹 및 부싱포함

F TYPE - Includes grommet and bushing.



UNIT: mm

Size	ØA +0.00 -0.81	ØB +0.00 -0.15	ØC Max	E ±0.43	F		G +0.79 -0.00	H ±0.51	K Flat. +0.00 -0.25	M Thread. (Class: 2A)	N Thread. (Class: 2B)
					Min.	Max.					
8	27.38	12.04	15.44	19.05	1.57	3.17	17.55	2.97	13.46	9/16-24UNEF	5/8-24UNEF
10	30.56	15.01	18.64	22.22	1.57	3.17	17.55	2.97	16.64	11/16-24UNEF	3/4-24UNEF
12	35.33	19.08	21.79	26.97	1.57	3.17	17.55	2.97	20.78	7/8-20UNEF	7/8-20UNEF
14	38.51	22.25	24.99	30.17	1.57	3.17	17.55	2.97	23.93	1-20UNEF	1-20UNEF
16	41.68	25.43	28.19	33.32	1.57	3.17	17.55	2.97	27.08	1 1/8-18UNEF	1 1/8-18UNEF
18	44.86	28.60	31.34	36.25	1.57	3.17	17.55	2.97	30.25	1 1/4-18UNEF	1 1/4-18UNEF
20	49.63	31.78	34.54	39.67	1.57	6.35	22.33	3.76	33.43	1 3/8-18UNEF	1 3/8-18UNEF
22	52.78	34.95	37.69	42.87	1.57	6.35	22.33	3.76	36.60	1 1/8-18UNEF	1 1/2-18UNEF

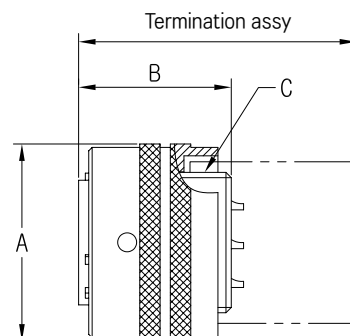
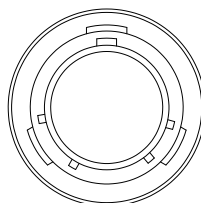
UNIT: mm

Size	ØA +0.13 -0.00	B +0.25 -0.13
8	14.68	13.72
10	17.86	16.89
12	22.61	21.03
14	25.78	24.18
16	28.96	27.33
18	32.13	30.51
20	35.31	33.68
22	38.48	36.86

JW26482-I series

MIL-DTL-26482-I Style

JW3116 Straight Plugs (MS3116 Style)

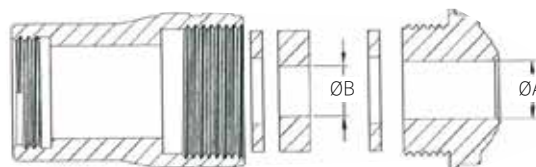
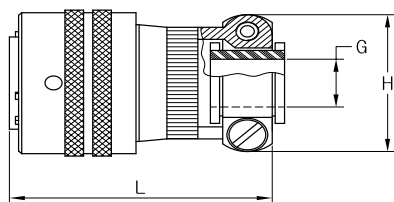


UNIT: mm

Size	A Dia. Max.	B Max.	C Thread. (Class:2A)
8	19.86	21.0	7/16-28UNEF
10	23.52	21.0	9/16-24UNEF
12	26.49	21.0	11/16-24UNEF
14	30.05	21.0	13/16-20UNEF
16	33.15	21.0	15/16-20UNEF
18	35.33	21.0	1 1/16-18UNEF
20	38.89	25.5	1 3/16-18UNEF
22	42.09	25.5	1 5/16-18UNEF

F Type Clamp Termination Assembly

Back Shell Clamp Type Termination Assembly



F type Clamp

Size	L Max.	ØG Min.	H Max.
8	48.82	2.92	21.03
10	48.82	4.52	22.63
12	48.82	7.67	25.87
14	48.82	9.27	28.98
16	51.99	12.45	30.56
18	52.78	15.62	37.31
20	59.54	15.62	37.31
22	59.54	18.80	42.06

Back Shell type Clamp

Part No.	Size	ØA	ØB	Application in Cable (Out DIA)
JB8	8	ø6.5	ø6	ø4.5 ~ 6.0
JB10	10	ø7.5	ø6.5	ø4.3 ~ 6.5
JB12S	12	ø8.5	ø6.5	ø5.5 ~ 6.5
JB12L		ø8.5	ø8.5	ø7.0 ~ 8.5
JB14S	14	ø6.5	ø6	ø4.5 ~ 6.0
JB14M		ø9.5	ø9	ø7.0 ~ 9.0
JB14L		ø10.5	ø10.5	ø8.0 ~ 10.5

JW26482-I series

MIL-DTL-26482-I Style Accessories

Plug Protection Cap (JW3180)

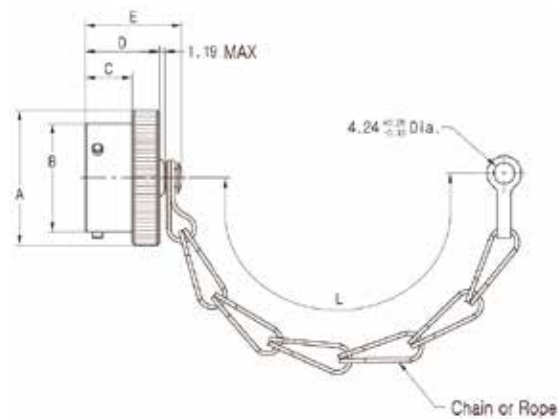
HOW TO ORDER

Part Number **JW3180** - **12** **C** **01**

Shell Size

Linkage
C-Chain
W-stainless wire
R-Rope
N-Chain and Ring

Finish
01 - 국방 전착 도장(Cobalt Electro Deposition Coating)
02 - 카드뮴 도금 (Cadmium, Olive Drab)
03 - 블랙 아노다이징(Black Anodize)
04 - 무전해 니켈 도금(Electroless Nickel plate)



UNIT: mm

Size	ØA Max.	ØB +0.03 -0.13	C +0.79 -0.00	D Max.	E	L (Standard Length) +12.70 -6.35
8	18.26	12.01	9.35	14.27	19.84	76.20
10	21.44	14.99	9.35	14.27	19.84	76.20
12	25.40	19.05	9.35	14.27	19.84	88.90
14	28.58	22.22	9.35	14.27	19.84	88.90
16	31.75	25.40	9.35	14.27	19.84	88.90
18	34.92	28.58	9.35	14.27	19.84	88.90
20	38.10	31.75	10.92	15.88	21.44	101.60
22	41.28	34.92	10.92	15.88	21.44	101.60

Plug Protection Cap (JW3181)

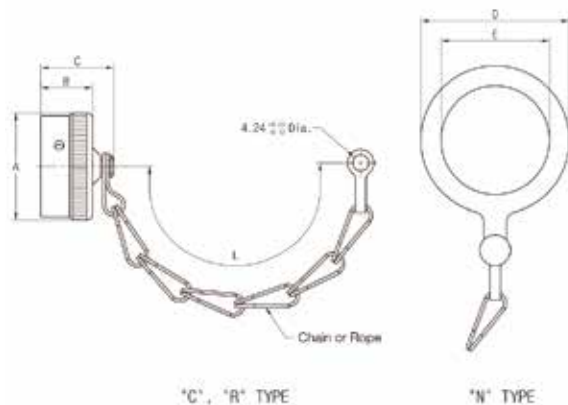
HOW TO ORDER

Part Number **JW3181** - **12** **C** **01**

Shell Size

Chain and Rope
C-Chain
W-stainless wire
R-Rope
N-Chain and Ring

Finish
01 - 국방 전착 도장(Cobalt Electro Deposition Coating)
02 - 카드뮴 도금 (Cadmium, Olive Drab)
03 - 블랙 아노다이징(Black Anodize)
04 - 무전해 니켈 도금(Electroless Nickel plate)



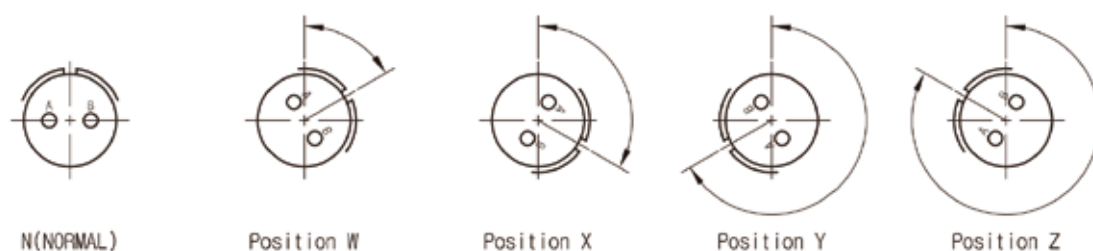
UNIT: mm

Size	ØA Max.	B Max.	C Max.	ØD Max.	ØE Max.	L (Standard Length) +12.70 -6.35
8	18.64	14.27	21.44	20.62	14.68	76.20
10	21.82	14.27	21.44	25.40	17.86	76.20
12	25.40	14.27	21.44	30.18	22.63	88.90
14	28.58	14.27	21.44	36.53	25.81	88.90
16	31.75	14.27	21.44	39.67	28.98	88.90
18	34.91	14.27	21.44	42.88	32.16	88.90
20	38.10	14.27	21.44	46.02	35.33	101.60
22	41.28	14.27	21.44	49.23	38.51	101.60
24	44.45	15.29	22.22	52.37	41.68	101.60

JW26482-I series

MIL-DTL-26482-I Style Alternate Insert Positions

Insert Availability and Identification



View looking into front face of pin insert or rear of socket insert.

2648-I Insert Positions

Size	Contact Arrangement	Service Rating	Total Contacts	Contact Size			Alternate Insert Positions(Degree)			
				20	16	12	W	X	Y	Z
8	8-2	I	2	2			58	122		
	8-3	I	3	3			60	210		
	8-4	I	4	4			45			
	8-33	I	3	3			90			
10	10-6	I	6	6			90			
	10-98	I	6	6			90	180	240	270
12	12-3	II	3		3				180	
	12-8	I	8	8			90	112	203	292
	12-10	I	10	10			60	155	270	295
14	14-5	II	5		5		40	92	184	273
	14-12	I	12	8	4		43	90		
	14-15	I	15	14	1		17	110	155	234
	14-18	I	18	18			15	90	180	270
	14-19	I	19	19			30	165	315	
16	16-8	II	8		8		54	152	180	331
	16-23	I	23	22	1		158	270		
	16-26	I	26	26			60		275	338
	16-99	I	23	21	2		66	156	223	340
18	18-11	II	11		11		62	119	241	340
	18-30	I	30	29	1		180	193	285	350
	18-32	I	32	32			85	138	222	265
20	20-16	II	16		16		238	318	333	347
	20-24	I	24	24			70	145	215	290
	20-27	I	27	27			72	144	216	288
	20-39	I	39	37	2		83	144	252	333
	20-41	I	41	41			45	126	225	
22	22-12	I	12			12				
	22-21	II	21		21		16	135	175	349
	22-32	I	32	32			72	145	215	288
	22-34	I	34	34			62	142	218	298
	22-41	I	41	27	14		39	135	264	
	22-55	I	55	55			30	142	226	314

JW26482-I series

MIL-DTL-26482-I Style Contact Arrangements

	Shell Size 8				Shell Size 10				Shell Size 12					
														
Insert Arrangement	8-2		8-3		10-6		10-98		12-3		12-8		12-10	
Service Rating	2		3		6		6		3		8		10	
Number of Contacts	20		20		20		20		16		20		20	
Contact Size														
	Shell Size 14								Shell Size 16					
														
Insert Arrangement	14-5		14-12		14-15		14-18		14-19		16-8			
Service Rating	5		8 4		14 1		18		19		8			
Number of Contacts	16		20 16		20 16		20		20		16			
Contact Size														
	Shell Size 16				Shell Size 18									
														
Insert Arrangement	16-23		16-26		16-99		18-11		18-30		18-32			
Service Rating	22 1		26		21 2		11		29 1		32			
Number of Contacts	20 16		20		20 16		16		20 16		20			
Contact Size														
	Shell Size 20													
														
Insert Arrangement	20-16		20-24		20-27		20-39		20-41					
Service Rating	16		24		27		37 2		41					
Number of Contacts	16		20		20		20 16		20					
Contact Size														
	Shell Size 22													
														
Insert Arrangement	22-12		22-21		22-32		22-34		22-41					
Service Rating	12		21		32		34		27 14					
Number of Contacts	12		16		20		20		20 16					
Contact Size														
	Shell Size 22													
														
Insert Arrangement	22-55													
Service Rating	55													
Number of Contacts	20													
Contact Size														

1. View looking into front face of pin insert (+insulator).
2. Please make a direct inquiry for the information not contained in the table.
3. The contact arrangement in the table meets the MIL-STD-1651 standards.

Contact Legend



HERMETIC CONNECTOR

Hermetic connector is used for electron signal connection between sealed inside equipment and outside power connection. It has outstanding properties such as high sealed with 1×10^{-9} torr. cc/sec, high temperature, high pressure tolerance and oil tolerance. For the insulator of this connector is made of special glass and/or ceramics, are applied to melting furnace, power circuit breaker, submarine, gas control equipment and transformer safety.

Hermetic Connector는 기밀상태의 장비내부와 외부의 전기 접속과 전자신호 접속용으로써 10^{-9} atm.cc/sec의 높은 기밀성과 고온 고압력에 견딜수 있는 물론 내유성의 특성을 갖고있습니다. 동 커넥터는 특수유리 또는 세라믹을 절연체로 사용하는 것으로서 용해로, 전원차단기, 잠수함, 가스 제어 시스템, 변압기 안전장치 등으로 활용되고 있는 제품입니다.

성능

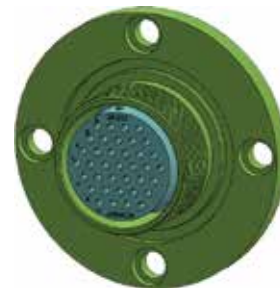
- 기밀성(Hermiticity) : 1×10^{-9} torr(Helium Leak Rate) (Helium Gas 3 Atmospheric pressure)
- 내전압(Withstand voltage) : AC 2000V Max. 60 Sec
- 보호피막처리(Protective film) : Nickel Plating $3\mu\text{m}$ Min.
- 절연체 Insulator : Alkalibarium Glass
- 절연저항(Insulation Resistance) : above 5000M Ω at DC 500V
- 사용온도(Workable temperature) : $-55^{\circ}\text{C} \sim +175^{\circ}\text{C}$
- Housing : Mild steel, Stainless steel, Hastelloy, alloys 기타금속(etc.)
- Terminal : Ni 52 Alloy, Sus446

Summary of Hermetic Connector

- Male / Female Type

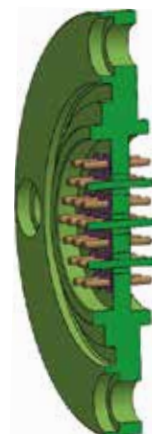
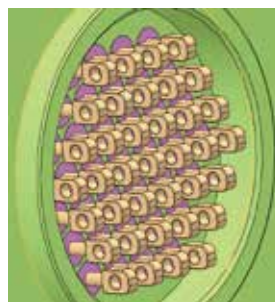
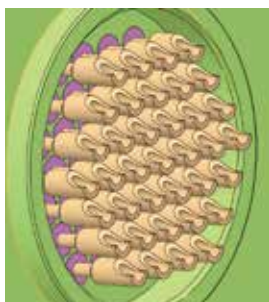
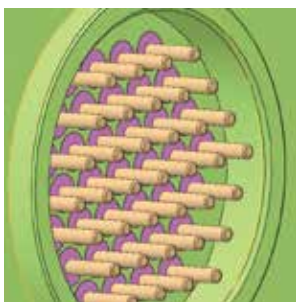


Male
(Pin)



Female
(Socket)

- Wiring type



Straight



Solder Cup



Solder Tab Terminal

Dual Wiring

- Product Type

- JW5015 Connector type : all Contact Arrangement
- JVG Connector type : Same as JW5015 Connector Contact Arrangement
- JW26482-I Connector type : all Contact Arrangement

HERMETIC CONNECTOR

JW5015 Type

JW 0000 H 12 - 10 S N - 01

JAEWON

SHELL STYLE
 3102 - Box Mounting Receptacle
 5003 - Wall Mounting Receptacle, Frange
 5004 - Box Mounting Receptacle, Frange
 5005 - Frange Type

CLASS
 Hermetic Sealed

Shell Size
 See Table (10SL~36)

Wiring Type
 01 - Straight
 02 - Soder Cup
 03 - Solder tab terminal

Alternate Insert Position
 N, W, X, Y, Z

Contact Style
 P - Pin, S - Socket

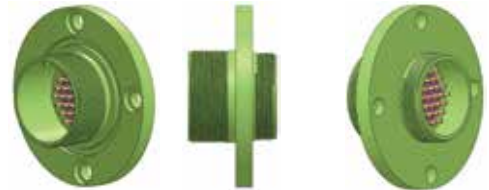
Insert Arrangement
 MIL-STD-1651 (JW5015)



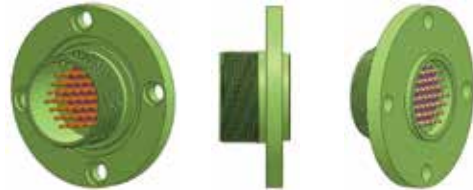
JW3102H



JW5003H



JW5004H



JW5005H



JVG Type

JVG 00 H 28 - 21 S N - 01

JAEWON VG

SHELL STYLE
 02 - Box Mounting Receptacle
 03 - Wall Mounting Receptacle, Frange
 04 - Box Mounting Receptacle, Frange

CLASS
 Hermetic Sealed

Shell Size
 See Table (10SL~36)

Wiring Type
 01 - Straight
 02 - Soder Cup
 03 - Solder tab terminal

Alternate Insert Position
 N, W, X, Y, Z

Contact Style
 P - Pin, S - Socket

Insert Arrangement
 MIL-STD-1651 (JW5015)



JVG02H



JVG03H



JVG04H



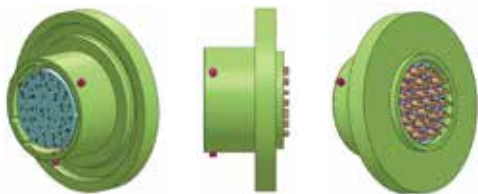
HERMETIC CONNECTOR

JW26482-1 TYPE

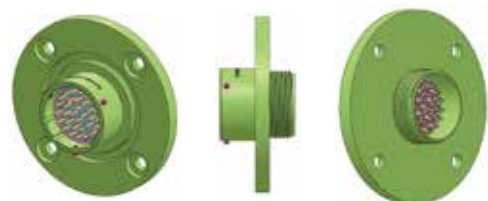
JW 0000 H 12 - 10 S N - 01
JAEWON
SHELL STYLE
 3112 - Box Mounting Receptacle
 2603 - Wall Mounting Receptacle, Flange
 2604 - Box Mounting Receptacle, Flange
CLASS
 Hermetic Sealed
Shell Size
 See Table (8~22)
Wiring Type
 01 - Straight
 02 - Solder Cup
 03 - Solder tab terminal
Alternate Insert Position
 N, W, X, Y, Z
Contact Style
 P - Pin, S - Socket
Insert Arrangement
 MIL-STD-1669 (JW26482-1)



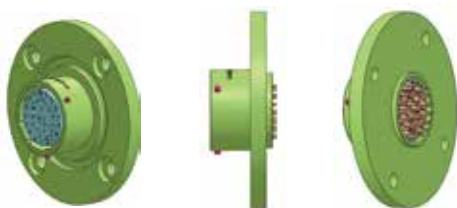
JW3112H



JW2603H



JW2604H



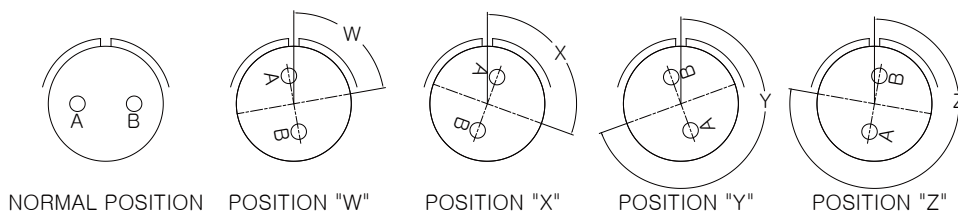
the other as Hermetic Connector



HERMETIC CONNECTOR

Alternate Insert Positions (Insulator Rotation Angle)

Key way View(키 보기) : into front face of pin(+) insert or rear of socket(-) insert (핀(+) 삽입 전면측 또는 소켓(-) 삽입 후면측)



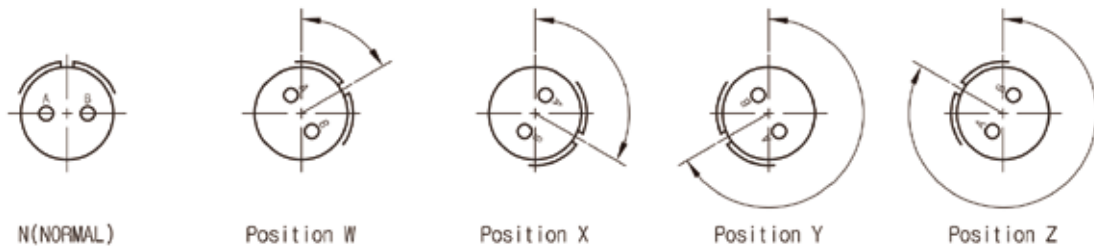
Shell Size	Contact Arrangement	Wire Size	Service Rating	Alternate Positions-Degrees			
				W	X	Y	Z
10SL	10SL-3	3#16	A	-	-	-	-
	10SL-4	2#16	A	-	-	-	-
14S	14S-2	4#16	Inst.	-	120	240	-
	14S-3	5#16	Inst.	-	110	-	-
	14S-4	3#16	A	90	180	-	-
	14S-5	2#16	A	70	145	-	-
	16S-01	8#18	A	-	-	-	-
16S	16S-1	7#16	A	80	-	-	280
	16S-4	2#16	D	35	110	250	325
	16S-5	3#16	A	70	145	215	290
	16S-6	3#16	A	90	180	270	-
	16S-8	5#16	A	-	170	265	-
16	16-9	2#16	A	35	110	250	325
		2#12	-	-	-	-	-
	16-10	3#12	A	90	180	270	-
	16-11	2#12	A	35	110	250	325
	16-13	2#12	A	35	110	250	325
18	18-1	10#16	A(B, C, F, G)	70	145	215	290
			Inst. (all others)	-	-	-	-
	18-3	2#162	D	35	110	250	325
	18-4	4#16	D	35	110	250	325
	18-5	1#16	D	80	110	250	280
		2#12	-	-	-	-	-
	18-8	7#16	A	70	-	-	290
		1#12	-	-	-	-	-
	18-9	5#16	Inst.	80	110	250	280
		2#12	-	-	-	-	-
	18-10	4#12	A	-	120	240	-
	18-11	5#12	A	-	170	265	-
	18-12	6#16	A	80	-	-	280
	18-13	3#12	A	80	110	250	280
		1#8	-	-	-	-	-
20	18-15	4#12	A	-	120	240	-
	18-22	3#16	D	70	145	215	290
	20-3	3#12	D	70	145	215	290
	20-4	4#12	D	45	110	250	-
	20-7	8#16	A(C-F)	80	110	250	280
			D(A, B, G, H)	-	-	-	-
	20-8	4#16	Inst.	80	110	250	280
		2#8	-	-	-	-	-
	20-14	3#12	A	80	110	250	280
		2#8	-	-	-	-	-
	20-15	7#12	A	80	-	-	280
	20-16	7#16	A	80	110	250	280
		2#12	-	-	-	-	-
	20-17	1#16	A	90	180	270	-
		5#12	-	-	-	-	-
22	20-18	6#16	A	35	110	250	325
		3#12	-	-	-	-	-
	20-19	3#8	A	90	180	270	-
	20-22	3#16	A	80	110	250	280
		3#8	-	-	-	-	-
	20-23	2#8	A	35	110	250	325
	20-24	2#16	A	35	110	250	325
		2#8	-	-	-	-	-
	20-27	14#16	A	35	110	250	325
	20-29	17#16	A	80	-	-	280
	20-33	11#16	A	-	-	-	-
	22-2	3#8	D	70	145	215	290
	22-4	2#12	A	35	110	250	325
		2#8	-	-	-	-	-
	22-5	4#16	D	35	110	250	325
22		2#12	-	-	-	-	-
	22-6	1#16	D	80	110	250	280
		2#8	-	-	-	-	-
	22-9	3#12	E	70	145	215	290
	22-10	4#16	E	35	110	250	325
	22-11	2#16	B	35	110	250	325
	22-12	3#16	D	80	110	250	280
		2#8	-	-	-	-	-
	22-13	1#16	A(A-D)	35	110	250	325
		4#12	D(E)	-	-	-	-
	22-14	19#16	A	80	110	250	280
	22-15	1#16	A(A-C, E, F)	80	110	250	280
		5#12	E(D)	-	-	-	-
	22-17	8#16	D(A)	80	110	250	280
		1#12	A(all others)	-	-	-	-
22	22-18	8#16	A(C-E)	80	110	250	280
			A(all others)	-	-	-	-
	22-19	14#16	A	80	110	250	280
	22-20	9#16	A	35	110	250	325
			-	-	-	-	-

Shell Size	Contact Arrangement	Wire Size	Service Rating	Alternate Positions-Degrees			
				W	X	Y	Z
22	22-22	4#8	A	-	110	250	-
	22-23	8#12	D(H)	35	-	250	-
			A(all others)	-	-	-	-
	*22-27	8#16	D(J)	80	-	250	280
		1#8	A(all others)	-	-	-	-
	22-28	7#12	A	80	-	-	280
	24-2	7#12	D	80	-	-	280
	*24-5	16#16	A	80	110	250	280
	24-6	8#12	D(A, G, H)	80	110	250	280
			A(all others)	-	-	-	-
24	24-7	14#16	A	80	110	250	280
		2#12	-	-	-	-	-
	24-9	2#4	A	35	110	250	325
	24-10	7#8	A	80	-	250	280
	24-11	6#12	A	35	110	250	325
		3#8	-	-	-	-	-
	24-12	3#12	A	80	110	250	280
		2#4	-	-	-	-	-
	24-20	9#16	D	80	110	250	280
		2#12	-	-	-	-	-
	24-22	4#8	D	45	110	250	-
	24-27	7#16	E	80	-	-	280
	24-28	24#16	Inst.	80	110	250	280
	28-1	6#12	D(A, E, J)	80	110	250	280
		3#8	AA(all others)	-	-	-	-
28	*28-2	12#16	D	35	110	250	325
		2#12	-	-	-	-	-
	28-7	2#4	D	35	110	250	325
	28-9	6#16	D	80	110	250	280
		6#12	-	-	-	-	-
	28-10	3#12	D(G)	80	110	250	280
		2#8	A(all others)	-	-	-	-
		2#4	-	-	-	-	-
	28-11	18#16	A	80	110	250	280
		4#12	-	-	-	-	-
	28-12	26#16	A	90	180	270	-
	28-15	35#16	A	80	110	250	280
	28-16	20#16	A	80	110	250	280
	28-17	15#16	A(A-L), B	80	110	250	280
			D(M-P)	-	-	-	-
32	*28-19	6#16	A(C, E, G, J, K, L)	80	110	250	280
		4#12	B(H, M), D(A, B)	-	-	-	-
	28-20	4#16	A	80	110	250	280
		10#12	-	-	-	-	-
	28-21	37#16	A	80	110	250	280
	*28-22	3#16	D	70	145	215	290
		3#4	-	-	-	-	-
	*32-1	3#12	E(A)	80	110	250	280
		2#0	D(all others)	-	-	-	-
	32-6	16#16	A	80	110	250	280
		2#12	-	-	-	-	-
		3#8	-	-	-	-	-
		2#4	-	-	-	-	-
	32-7	28#16	Inst. (A, B, H, J)	80	110	235	280
		7#12	A(all others)	-	-	-	-
36	32-8	24#16	A	80	110	235	280
		6#12	-	-	-	-	-
	*32-9	12#16	D	80	110	250	280
		2#4	-	-	-	-	-
	32-15	2#0	D	35	110	250	280
		6#12	-	-	-	-	-
	32-17	4#4	D	45	110	250	-
	36-4	3#0	A(B, C)	70	145	215	290
			D(A)	-	-	-	-
	36-5	4#0	A	-	120	240	-
	36-6	4#4	A	35	110	250	325
		2#0	-	-	-	-	-
	36-7	40#16	A	80	110	250	280
		7#12	-	-	-	-	-
	36-8	46#16	A	80	110	250	280
36		1#12	-	-	-	-	-
	36-9	14#16	A	80	125	235	280
		14#12	-	-	-	-	-
		2#8	-	-	-	-	-
		1#4	-	-	-	-	-
	36-10	48#16	A	80	125	235	280
	36-14	6#16	D	90	180	270	-
		5#12	-	-	-	-	-
		5#8	-	-	-	-	-
	*36-15	35#16	D(M)	60	125	245	305
36			A(all others)	-	-	-	-
			-	-	-	-	-

HERMETIC CONNECTOR

JW26482-I H Type Alternate Insert Position (MIL-DTL-26482-I Style)

Insert Availability and Identification



View looking into front face of pin insert or rear of socket insert.

2648-I Insert Positions

Size	Contact Arrangement	Service Rating	Total Contacts	Contact Size			Alternate Insert Positions(Degree)			
				20	16	12	W	X	Y	Z
8	8-2	I	2	2			58	122		
	8-3	I	3	3			60	210		
	8-4	I	4	4			45			
	8-33	I	3	3			90			
10	10-6	I	6	6			90			
	10-98	I	5	5			90	180	240	270
12	12-3	II	3		3				180	
	12-8	I	8	8			90	112	203	292
	12-10	I	10	10			60	155	270	295
14	14-5	II	5		5		40	92	184	273
	14-12	I	12	8	4		43	90		
	14-15	I	15	14	1		17	110	155	234
	14-18	I	18	28			15	90	180	270
	14-19	I	19	19			30	165	315	
16	16-8	II	8		8		54	152	180	331
	16-23	I	23	22	1		158	270		
	16-26	I	26	26			60		275	338
	16-99	I	23	21	2		66	156	223	340
18	18-11	II	11		11		62	119	241	340
	18-30	I	30	29	1		180	193	285	350
	18-32	I	32	32			85	138	222	265
20	20-16	II	16		16		238	318	333	347
	20-24	I	24	24			70	145	215	290
	20-27	I	27	27			72	144	216	288
	20-39	I	39	37	2		83	144	252	333
	20-41	I	41	41			45	126	225	
22	22-12	I	12			12				
	22-21	II	21		21		16	135	175	349
	22-32	I	32	32			72	145	215	288
	22-34	I	34	34			62	142	218	298
	22-41	I	41	27	14		39	135	264	
	22-55	I	55	55			30	142	226	314

Contact Arrangements is Same as JW5015 (MIL-C-5015) / 핀 배열은 JW5015(MS5015)와 동일

SPECIAL CONNECTOR

Customized SPECIAL CONNECTOR are also available, which are designed to be optimized for conditions such as subminiature size, Big size, EMI Function, Large capacity current, Electric Connection, Electron Signal connection, vibration with stand, Shock withstand, waterproof, withstand salinity etc.

Special Connector는 초소형, 대형, EMI기능, POWER접속, 전자 Signal접속, 방수, 내충격, 내염분 등 다양한 형태와 고기능을 갖는 커넥터로서 Order Spec에 따라 개발 공급 가능



HI-POWER CONNECTOR(Plug)



HI-POWER CONNECTOR(Receptacle)



LARGE CAPACITY CONNECTOR



HI-POWER CONNECTOR



AUDIO CONNECTOR



RECTANGULAR CONNECTOR



HI-VOLTAGE CONNECTOR



GUIDE PIN- HERMETIC CONNECTOR



MOLDING CONNECTOR



SPECIAL-1 CONNECTOR



SPECIAL-2 CONNECTOR



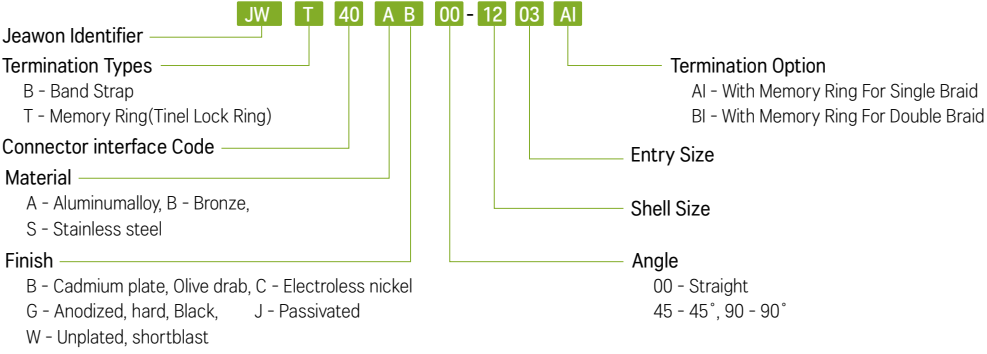
SPECIAL-3 CONNECTOR

ADAPTER

ADAPTER is an Accessory for EMI Cable wiring of Circular Connector Such as MS 26482, MS 38999 etc.
It is Classified into Memory type Band-Strap type.

ADAPTER for Circular Connector는 EMI Cable Wiring을 위한 Accessory로서 Memory Ring & Band-Strap type으로 분류한다.

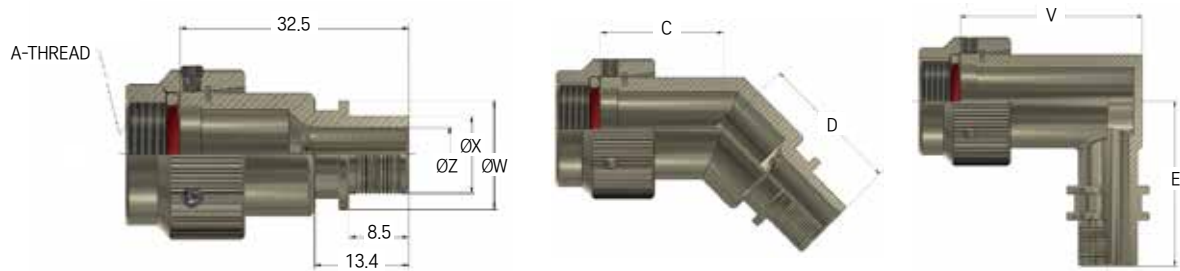
HOW TO ORDER



CONNECTOR INTERFACE	INTERFACE CODE
MIL-DTL-26482 SERIES I SOLDER MS3110,MS3111,MS3120,MS3121,MS3126,MS3128,MS3116 WITHOUT ACCESSORY TEETH	21
MIL-DTL-26482 SERIES II MS3470, MS3471, MS3472, MS3474, MS3475, MS3476	54
MIL-DTL-38999 SERIES I & II MS27466-68, MS27472-74, MS27479-81, MS27484, MS27497, MS27652, MS27653, MS27656	41
MIL-DTL-38999 SERIES III&IV D38999/20, /24, /26, /40, /46, /47	40
MIL-DTL-5015 SOLDER M3100, MS3101,MS3107,MS3106-Class A, E & R	18
MIL-DTL-5015 CRIMP MS3400,MS3401,MS3404,MS3406,MS3450,MS3451,MS3454, MS3456	54
MIL-DTL-83723 SERIES I & II M83723/1 -/8, /13,/14, /26 - /43,/48,/49,/65 -/78, /82-/87,/91,/92,/95,/97,/98	54

ADAPTER

MEMORY RING TYPE



CODE 18

Shell Size

SHELL SIZE	CONNECTOR SHELL SIZE	A THREAD (CLASS : 2B)	C	D	E	ENTRY
				MAX		
08	8S	7/16-28UNEF	20.3	23.4	31.2	04
10	10S	1/2-28UNEF	21.1	24.1	31.2	06
11	10SL	9/16-24UNEF	21.1	24.1	31.2	07
12	12S & 12	5/8-24UNEF	21.1	24.1	31.2	08
14	14S & 14	3/4-20UNEF	21.8	24.9	33.0	10
16	16S & 16	7/8-20UNEF	22.6	25.9	36.1	12
18	18S & 18	1-20UNEF	23.4	26.7	37.6	12
20	20	1 1/8-18UNEF	24.1	27.4	39.4	16
22	22	1 1/4-18UNEF	24.9	28.2	40.9	18
24	24	1 3/8-18UNEF	24.9	28.2	42.4	20
28	28	1 5/8-18UNEF	27.4	29.7	47.2	24
32	32	1 7/8-16UN	28.2	31.2	48.8	24
36	36	2 1/8-16UN	31.2	32.3	52.1	24

ENTRY Size

ENTRY SIZE	V MAX	ØW	ØX	ØZ
04	31.5	14	9.47	6.3
06	34.3	15.5	11.05	7.9
07	35.8	17.1	12.65	9.5
08	37.3	18.7	14.21	11
10	39.1	20.3	15.81	12.7
12	41.4	23.5	18.97	15.8
12	45.5	26.7	22.15	19.0
16	48.8	29.8	25.31	22.2
18	51.8	33	28.48	25.4
20	54.9	36.2	31.66	28.5
24	58.2	39.4	34.83	31.7
24	66.8	42.5	37.97	34.9
24	70.1	45.7	41.15	38.1

CODE 21 / 40 / 41 / 54

Shell Size

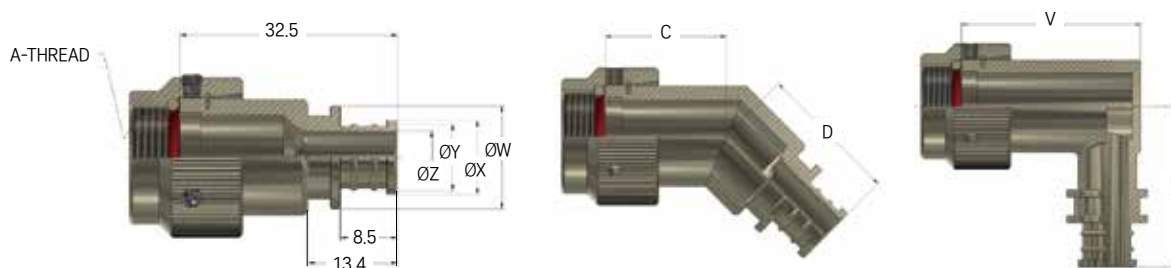
CODE NO.	SHELL SIZE	CONNECTOR SHELL SIZE	A THREAD (CLASS : 2B)	C	D	E	ENTRY
					MAX		
21	08	08	7/16-28UNEF	21.6	23.1	29.0	04
	10	10	9/16-24UNEF	22.4	23.9	30.5	06
	12	12	11/16-24UNEF	23.1	24.6	32.3	08
	14	14	13/16-20UNEF	23.4	24.9	33.5	10
	16	16	15/16-20UNEF	24.1	25.7	34.8	12
	18	18	1 1/16-18UNEF	24.4	25.9	36.3	12
	20	20	1 3/16-18UNEF	25.1	26.7	38.1	16
	22	22	1 5/16-18UNEF	25.7	27.4	39.6	16
40	24	24	7/16-18UNS	26.2	27.7	40.9	18
	08	09	M12x1.0	20.8	22.6	27.9	04
	10	11	M15x1.0	21.3	23.4	30.5	07
	12	13	M18x1.0	22.1	24.1	32.0	08
	14	15	M22x1.0	22.6	24.1	34.0	10
	16	17	M25x1.0	23.4	24.9	35.6	12
	18	19	M28x1.0	24.1	25.7	36.8	14
	20	21	M31x1.0	24.6	26.4	38.4	16
41	22	23	M34x1.0	25.4	27.2	39.9	18
	24	25	M37x1.0	25.9	27.2	42.4	20
	8	9	7/16-28UNEF	17.5	22.6	27.9	04
	10	11	9/16-24UNEF	18.3	23.4	30.5	06
	12	13	11/16-24UNEF	18.3	24.1	32.0	08
	14	15	13/16-20UNEF	19.3	24.1	34.0	10
	16	17	15/16-20UNEF	20.1	24.9	35.6	12
	18	19	1 1/16-18UNEF	20.6	25.7	36.8	12
54	20	21	1 3/16-18UNEF	21.3	26.4	38.4	14
	22	23	1 5/16-18UNEF	22.1	27.2	39.9	16
	24	25	1 7/16-18UNS	22.6	27.2	42.4	18
	08	08	1/2-20UNF	19.1	23.1	27.9	04
	10	10	5/8-24UNEF	19.6	23.6	29.5	06
	12	12	3/4-20UNEF	20.3	24.1	31.0	08
	14	14	7/8-20UNEF	20.8	24.6	32.5	08
	16	16	1-20UNEF	21.3	25.4	34.3	10
	18	18	1 1/16-18UNEF	21.8	25.7	35.6	12
	20	20	1 3/16-18UNEF	22.4	26.4	37.1	14
	22	22	1 5/16-18UNEF	23.1	26.9	38.9	16
	24	24	1 7/16-18UNS	23.6	27.7	40.4	18

ENTRY Size

CODE NO.	ENTRY SIZE	V MAX	ØW	ØX	ØZ
21	04	31.0	14.0	9.5	6.3
	05	32.8	15.5	11.1	7.9
	06	34.3	17.1	12.7	9.5
	08	35.8	18.7	14.2	11.0
	10	37.3	20.3	15.8	12.7
	12	40.6	23.5	19.0	15.8
	12	43.7	26.7	22.15	19.0
	14	47.0	29.8	25.31	22.2
40	16	50.0	33.0	28.48	25.4
	18	53.3	36.2	31.66	28.5
	04	31.2	14.0	9.47	6.3
	05	32.8	15.5	11.05	7.9
	06	34.3	17.1	12.65	9.5
	7	36.1	18.7	14.21	11.0
	8	37.6	20.3	15.81	12.7
	10	40.6	23.5	18.97	15.8
41	12	43.9	26.7	22.15	19.0
	14	47.0	29.8	25.31	22.2
	16	50.8	33.0	28.48	25.4
	18	54.1	36.2	31.66	28.5
	20	57.2	39.4	34.83	31.7
	04	27.2	14	9.47	6.3
	05	28.7	15.5	11.05	7.9
	06	30.2	17.1	12.65	9.5
54	07	31.8	18.7	14.21	11.0
	08	33.5	20.3	15.81	12.7
	10	36.6	23.5	18.97	15.8
	12	39.9	26.7	22.15	19
	14	42.9	29.8	25.31	22.2
	16	46.2	33.0	28.48	25.4
	18	49.3	36.2	31.66	28.5
	04	28.4	14.0	9.47	6.3
	05	30.2	15.5	11.05	7.9
	06	31.8	17.1	12.65	9.5
	07	33.3	18.7	14.21	11.0
	08	35.1	20.3	15.81	12.7
	10	38.1	23.5	18.97	15.8
	12	41.1	26.7	22.15	19.0
	14	44.5	29.8	25.31	22.2
	16	47.8	33.0	28.48	25.4
	18	50.8	36.2	31.66	28.5

ADAPTER

BANDSTRAP TYPE



CODE 18

Shell Size

SHELL SIZE	CONNECTOR SHELL SIZE	A THREAD (CLASS : 2B)	C	D	E	ENTRY
				MAX		
08	8S	7/16-28UNEF	20.3	23.4	31.2	04
10	10S	1/2-28UNEF	21.1	24.1	31.2	06
11	10SL	9/16-24UNEF	21.1	24.1	31.2	07
12	12S & 12	5/8-24UNEF	21.1	24.1	31.2	08
14	14S & 14	3/4-20UNEF	21.8	24.9	33.0	10
16	16S & 16	7/8-20UNEF	22.6	25.9	36.1	12
18	18S & 18	1-20UNEF	23.4	26.7	37.6	12
20	20	1 1/8-18UNEF	24.1	27.4	39.4	16
22	22	1 1/4-18UNEF	24.9	28.2	40.9	18
24	24	1 3/8-18UNEF	24.9	28.2	42.4	20
28	28	1 5/8-18UNEF	27.4	29.7	47.2	24
32	32	1 7/8-16UN	28.2	31.2	48.8	24
36	36	2 1/8-16UN	31.2	32.3	52.1	24

ENTRY Size

ENTRY SIZE	V MAX	ØW	ØX	ØZ
04	31.5	14	9.47	6.3
06	34.3	15.5	11.05	7.9
07	35.8	17.1	12.65	9.5
08	37.3	18.7	14.21	11
10	39.1	20.3	15.81	12.7
12	41.4	23.5	18.97	15.8
12	45.5	26.7	22.15	19.0
16	48.8	29.8	25.31	22.2
18	51.8	33	28.48	25.4
20	54.9	36.2	31.66	28.5
24	58.2	39.4	34.83	31.7
24	66.8	42.5	37.97	34.9
24	70.1	45.7	41.15	38.1

CODE 21 / 40 / 41 / 54

Shell Size

CODE NO.	SHELL SIZE	CONNECTOR SHELL SIZE	A THREAD (CLASS : 2B)	C	D	E	ENTRY
					MAX		
21	08	08	7/16-28UNEF	21.6	23.1	29.0	04
	10	10	9/16-24UNEF	22.4	23.9	30.5	06
	12	12	11/16-24UNEF	23.1	24.6	32.3	08
	14	14	13/16-20UNEF	23.4	24.9	33.5	10
	16	16	15/16-20UNEF	24.1	25.7	34.8	12
	18	18	1 1/16-18UNEF	24.4	25.9	36.3	12
	20	20	1 3/16-18UNEF	25.1	26.7	38.1	16
	22	22	1 5/16-18UNEF	25.7	27.4	39.6	16
40	24	24	7/16-18UNS	26.2	27.7	40.9	18
	08	09	M12x1.0	20.8	22.6	27.9	04
	10	11	M15x1.0	21.3	23.4	30.5	07
	12	13	M18x1.0	22.1	24.1	32.0	08
	14	15	M22x1.0	22.6	24.1	34.0	10
	16	17	M25x1.0	23.4	24.9	35.6	12
	18	19	M28x1.0	24.1	25.7	36.8	14
	20	21	M31x1.0	24.6	26.4	38.4	16
41	22	23	M34x1.0	25.4	27.2	39.9	18
	24	25	M37x1.0	25.9	27.2	42.4	20
	8	9	7/16-28UNEF	17.5	22.6	27.9	04
	10	11	9/16-24UNEF	18.3	23.4	30.5	06
	12	13	11/16-24UNEF	18.3	24.1	32.0	08
	14	15	13/16-20UNEF	19.3	24.1	34.0	10
	16	17	15/16-20UNEF	20.1	24.9	35.6	12
	18	19	1 1/16-18UNEF	20.6	25.7	36.8	12
54	20	21	1 3/16-18UNEF	21.3	26.4	38.4	14
	22	23	1 5/16-18UNEF	22.1	27.2	39.9	16
	24	25	1 7/16-18UNS	22.6	27.2	42.4	18
	08	08	1/2-20UNF	19.1	23.1	27.9	04
	10	10	5/8-24UNEF	19.6	23.6	29.5	06
	12	12	3/4-20UNEF	20.3	24.1	31.0	08
	14	14	7/8-20UNEF	20.8	24.6	32.5	08
	16	16	1-20UNEF	21.3	25.4	34.3	10
	18	18	1 1/16-18UNEF	21.8	25.7	35.6	12
	20	20	1 3/16-18UNEF	22.4	26.4	37.1	14
	22	22	1 5/16-18UNEF	23.1	26.9	38.9	16
	24	24	1 7/16-18UNS	23.6	27.7	40.4	18

ENTRY Size

CODE NO.	ENTRY SIZE	V MAX	ØW	ØX	ØZ
21	04	31.0	14.0	9.5	6.3
	05	32.8	15.5	11.1	7.9
	06	34.3	17.1	12.7	9.5
	08	35.8	18.7	14.2	11.0
	10	37.3	20.3	15.8	12.7
	12	40.6	23.5	19.0	15.8
	12	43.7	26.7	22.15	19.0
	14	47.0	29.8	25.31	22.2
40	16	50.0	33.0	28.48	25.4
	18	53.3	36.2	31.66	28.5
	04	31.2	14.0	9.47	6.3
	05	32.8	15.5	11.05	7.9
	06	34.3	17.1	12.65	9.5
	7	36.1	18.7	14.21	11.0
	8	37.6	20.3	15.81	12.7
	10	40.6	23.5	18.97	15.8
41	12	43.9	26.7	22.15	19.0
	14	47.0	29.8	25.31	22.2
	16	50.8	33.0	28.48	25.4
	18	54.1	36.2	31.66	28.5
	20	57.2	39.4	34.83	31.7
	04	27.2	14	9.47	6.3
	05	28.7	15.5	11.05	7.9
	06	30.2	17.1	12.65	9.5
54	07	31.8	18.7	14.21	11.0
	08	33.5	20.3	15.81	12.7
	10	36.6	23.5	18.97	15.8
	12	39.9	26.7	22.15	19
	14	42.9	29.8	25.31	22.2
	16	46.2	33.0	28.48	25.4
	18	49.3	36.2	31.66	28.5
	04	28.4	14.0	9.47	6.3
	05	30.2	15.5	11.05	7.9
	06	31.8	17.1	12.65	9.5
	07	33.3	18.7	14.21	11.0
	08	35.1	20.3	15.81	12.7
	10	38.1	23.5	18.97	15.8
	12	41.1	26.7	22.15	19.0
	14	44.5	29.8	25.31	22.2
	16	47.8	33.0	28.48	25.4
	18	50.8	36.2	31.66	28.5

ADAPTER

Memory Ring Option

Part Numbering System :

Jaewon Identifier **JWPTR** **08** **AI**

Size

Memory Ring Style

AI - Ring accomedates a single 36 AWG braid per QQ-b-575
BI - Ring accomedates a single 30 AWG braid or double 36 AWG braids per QQ-B-575



Memory Ring

SIZE	ADAPTER Øx	AI		BI	
		AS SUPPLIED	RECOVERED	AS SUPPLIED	RECOVERED
04	04	10.1	9.7	10.6	10.2
05	05	11.7	11.2	12.2	11.7
06	06	13.3	12.7	14	13.3
07	07	14.9	14.2	15.4	14.7
08	08	16.6	15.8	17.1	16.3
10	10	19.9	18.9	20.4	19.4
12	12	23.2	22.1	23.7	22.6
14	14	26.5	25.1	27.0	25.6
16	16	29.8	28.3	30.3	28.7
18	18	33.1	31.4	33.6	31.9
20	20	36.4	34.5	36.9	35

All Dimmensions are in Milimeters

Band Strap Option

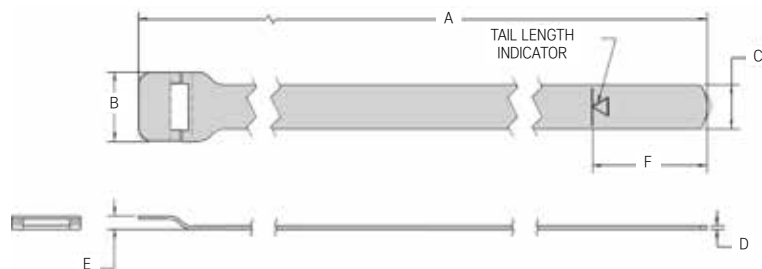
Part Numbering System :

Jaewon Identifier **JWTB** **2** **2** **2**

Band strap (Buckle Style)
1- Stamped 2- Welded

Band Width
1- Standard 2- Mini

Band Length
1- Standard 2- Extended



Band Strap

PART NUMBER	A	B	C	D Reference	E Reference	F Reference
	± 1.52mm	± 0.79mm	± 0.26mm			
SPTB-111	361.95	8.89	6.35	0.51	3.30	51.59
SPTB-112	457.2	8.89	6.35	0.51	3.30	51.59
SPTB-121	206.38	4.95	3.05	0.38	1.35	51.59
SPTB-122	361.95	4.95	3.05	0.38	1.35	51.59
SPTB-211	355.60	8.33	6.22	0.50	2.54	-
SPTB-212	547.20	8.33	6.22	0.50	2.54	-
SPTB-213	241.30	5.03	2.99	0.40	2.03	-
SPTB-214	361.95	5.03	2.99	0.40	2.03	-

Material : 300 series stainless steel, passivated

All Dimmensions are in Milimeters

CABLE ASSEMBLY

Military / EMI Cable Assembly

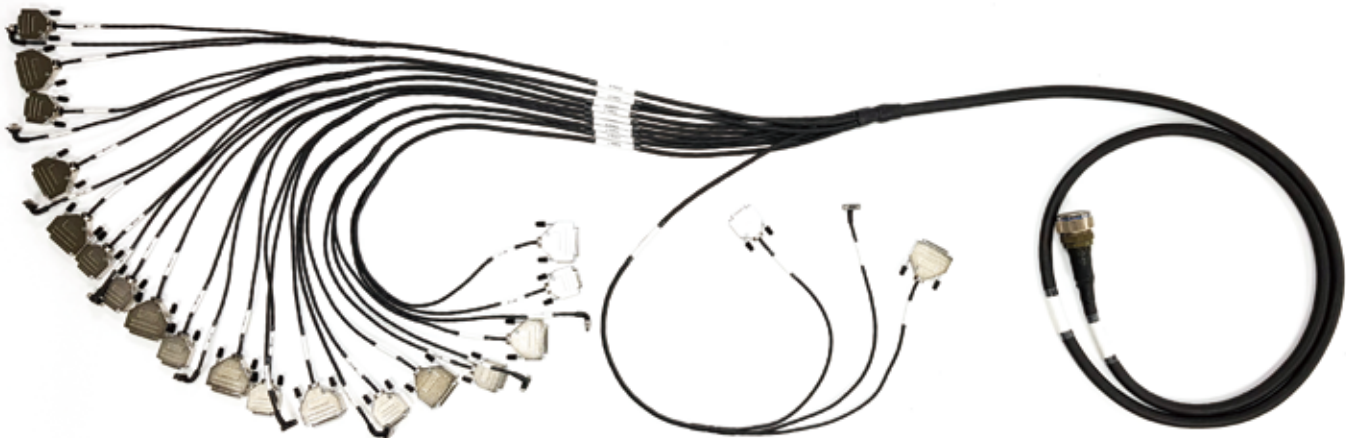
EMI/Military Cable Assembly is a product for power connection and electronics signal connection to facilities and equipment that require various precision and higher functions such as armored vehicles, warships ships, medical equipment, and communication facilities, which are produced by adopting a connector designed and developed to be optimized for the relevant facility in our company.

EMI/군수용 Cable Assembly는 장갑차, 군함/선박, 의료장비, 통신설비 등 각종 정밀 · 고기능을 요구하는 설비와 장비에 대한 전원 접속과 전자 신호접속용 제품으로서, 당사에서 해당 설비에 최적화하여 설계개발한 Connector를 채용하여 생산 공급 함



CABLE ASSEMBLY

Military / EMI Cable Assembly



CABLE ASSEMBLY

Cable Assembly for Industry

Industrial Cable Assembly is a product used for power connection and electronic signal connection to various industrial devices such as transmission and distribution facilities, machine tools, factory automation facilities, and plant facilities.

We are pursuing to maximize safety and convenience by adopting the best connectors developed and produced by our company.

산업용 Cable Assembly는 송배전 설비, 공작기계, 공장 자동화 설비, 플랜트 설비 등 각종 산업기기에 대한 전원 접속과 전자 신호접속에 사용하는 제품으로서, 당사에서 개발생산하는 최상의 Connector를 채용하여 안전성과 편리성을 도모함



CABLE ASSEMBLY

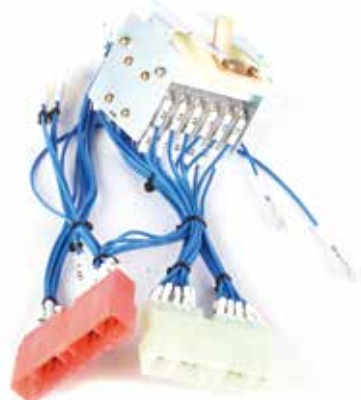
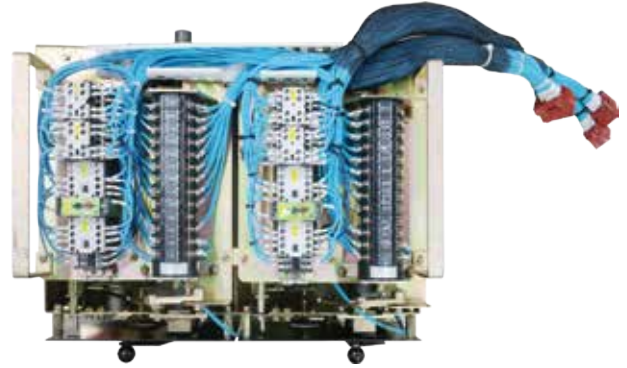
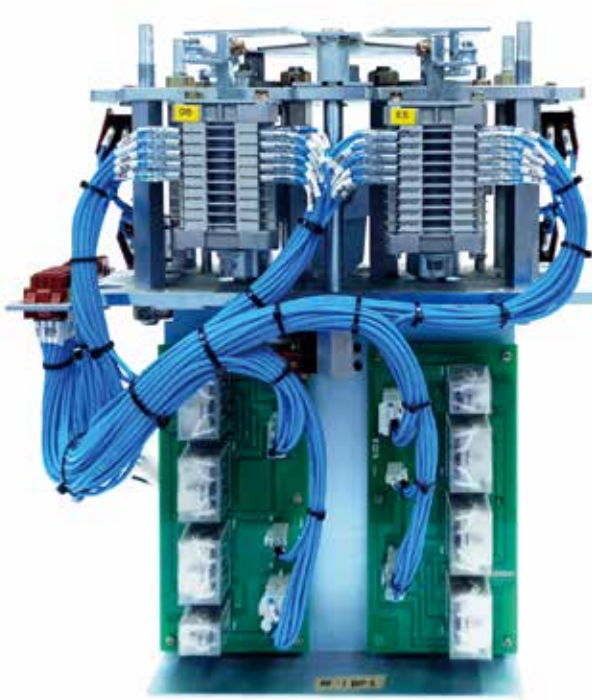
Cable Assembly for Industry

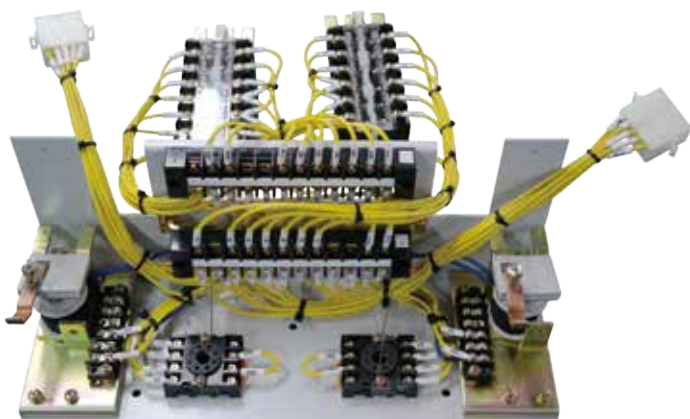
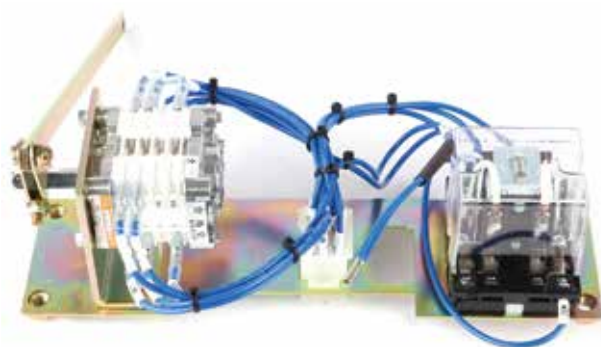


HARNESS

Harness is essential good for wide range of precision instrument operation using power connection for medium / large capacity and electron control signal connection. It can be used for generator, power rectifier, change equipment, power distribution, railway management equipment and more applications. This is specially designed to meet user environment demand conditions such as high-insulation tolerance, sturdy connection mechanism and high temperature tolerance and impact tolerance

전력기기 산업용 Harness는 중대 용량의 전원 접속과 전기전자 제어신호 접속으로 각종 정밀기기 운용에 필수적인 제품으로서 발전기, 전력변환기, 각종 변전설비, 배전설비, 철도운용설비 등 다양한 분야에 사용되며, 높은 절연내성과 견고한 접속 메카니즘 및 내 고온성, 내충격성 등의 환경적 요구규격에 적합하도록 설계된 제품

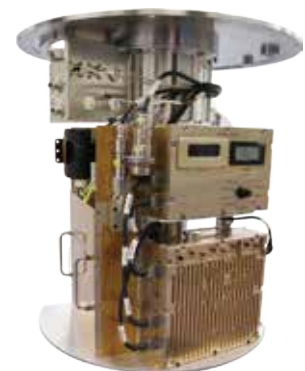
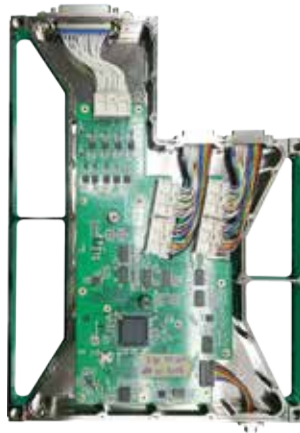




ELECTRIC ELECTRON Equipment

We produce electrical and electronic equipment by redesigning connectors, cable assemblies, and harness developed and produced with optimized Auto control panel, communication Equipment, Electric Electron tester. Man-Less observation Equipment, Hi-Power Electric Line Monitor, etc.

전기전자장비(ELECTRIC / ELECTRON Equipment)는 당사에서 개발 생산하는 Connector, Cable Assembly, Harness 개발 및 공정기술을 채용하여 자동제어 패널, 전기 전자 통신장비, 전기전자 시험장비, 무인 관측장비, 전기선로 관측 장비 등을 최적화하여 생산한 제품



LPS(Line Potential Signaller)

MEMO

JW5015 CONNECTOR(MIL-DTL-5015 Style)
JVG95234 CONNECTOR(VG95234)
JW26482-I CONNECTOR(MIL-DTL-26482-I Style)
HERMATIC CONNECTOR
SPECIAL CONNECTOR
ADAPTER
HARNESS
ELECTRIC / ELECTRON Equipment