

CAB412RF: I-PEX MHF PLUG + S/S SMA FEMALE STRAIGHT BULKHEAD JACK W/O-RING RATED TO IP68/69K + MULTIPLE CABLE SIZES

SPECIFICATIONS :

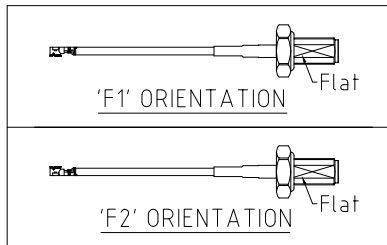
1. I-PEX MHF PLUG, GOLD PLATED, P/N:
FOR RG178 CABLE: 20278-112R-18.
FOR Ø1.13MM CABLE: 20278-112R-13.
FOR Ø1.32MM DS CABLE: 20278-112R-32.
2. COAXIAL CABLE, SEE P/N OPTIONS FOR DETAIL.
3. SMA STRAIGHT BULKHEAD JACK W/O-RING, W/SUS303 STAINLESS STEEL BODY, TESTED TO IP68/69K, P/N: RFCT-SMA061-F78 (WITH SILICON O-RING) OR RFCT-SMA061-F78-1 (WITH EPDM O-RING).

ENVIRONMENTAL:

- A. BULKHEAD MOUNTED CONNECTOR (RFCT-SMA061-F78) TESTED TO THE FOLLOWING SPECIFICATION:
- i. IP6X - DUST TIGHT - NO PARTICLE INGRESS.
 - ii. IPX8 WATERPROOF FOR 48 HOURS AT 1 METER UNDERWATER.
 - iii. IPX9K WATER SPRAY, 14-16L PER MINUTE, AT 8,000-10,000 KPA, AT 100-150MM DISTANCE FOR 30 SECONDS.

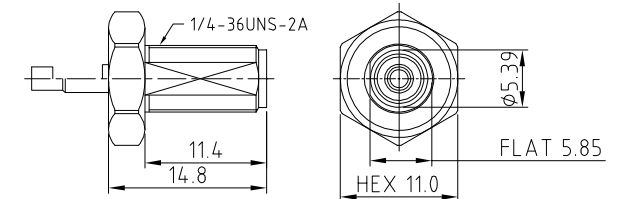
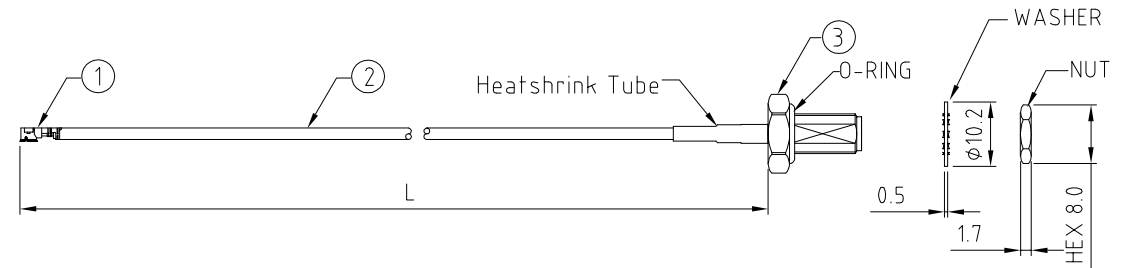
NOTES:

1. THE ORIENTATION OF CONNECTORS ON DRAWING IS FOR REFERENCE ONLY, IF THE ORDER IS LEFT BLANK THE CONNECTOR WILL NOT HAVE FIXED ORIENTATION.
2. FIXED ORIENTATION IS SUGGESTED FOR CABLE LENGTH 25MM TO 100MM. PLEASE SPECIFY THE FIXED ORIENTATIONS FROM THE ORDER CODE (F1, F2, ETC)
3. CONTACT GRADCONN IF THE ORIENTATION YOU REQUIRE IS NOT SHOWN.
4. WORKING FREQUENCY RANGE: DC-3GHz.
5. OPERATING TEMPERATURE: -40°C TO +85°C
6. IMPEDANCE: 50 OHM
7. IF THE CONNECTOR IS USED IN A CORROSIVE ENVIRONMENT, WE RECOMMEND THE CONNECTOR FACE IS PROTECTED WITH A STAINLESS STEEL DUST CAP.
8. PLEASE USE THE RECOMMENDED TORQUE FORCES FOR STAINLESS STEEL CONNECTORS. THIS IS PUBLISHED ON GRADCONN.COM RESOURCES PAGE.



USAGE PRECAUTIONS: CABLES USING 'MICRO' COAX ARE DELICATE:

- (i) HANDLE WITH CARE.
- (ii) DO NOT TWIST; APPLY EXCESSIVE FORCES OR SHARP BENDS TO THE CABLE. DO NOT FORCEFULLY DEFORM WIRES.
- (iii) CONSULT CONNECTOR MANUFACTURER'S DATASHEETS FOR DETAILED NOTES ON HANDLING INSTRUCTIONS.



HOW TO ORDER

CAB412RF - X X X X - X X - X - X - X

"L" LENGTH IN MM:
eg: 100MM = 0100
(MIN. 0050-MAX.0400
STANDARD = 0100, 0150, 0200)
Tolerance: 50mm: ± 2 mm.
51-200mm: ± 5 mm.
201-400mm: ± 7 mm.

CABLE SIZE OPTIONS:

1 = RG178 CABLE, COLOR: BROWN.

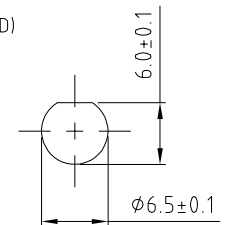
2 = Ø1.13MM CABLE, COLOR: GRAY.

3 = Ø1.32MM DS CABLE, COLOR: GRAY.

O-RING MATERIAL OPTIONS:
S = SILICONE, RED
E = EPDM, BLACK (STANDARD)

WASHER AND NUT OPTIONS:
BLANK = SEPARATELY PACKED (STANDARD)
A = ALL ASSEMBLED WITH CONNECTOR

ORIENTATION OPTIONS:
BLANK = DOES NOT HAVE A FIXED ORIENTATION
F1 = MHF CONNECTION DOWN (L=50-200MM)
F2 = MHF CONNECTION UP (L=50-200MM)
(SEE NOTES 1, 2, 3 AND DIAGRAMS FOR MORE INFORMATION)



RECOMMENDED SMA
MOUNTING HOLE

REV. DATE & DRN	10 27/06/70 - NYW RELEASE	11 27/06/70 - NYW RELEASE	12 28/09/70 - NYW	13 23/07/70 - NYW	14 27/06/71 - NYW	15 05/07/71 - NYW	16 21/07/72 - NYW	17 08/06/73 - NYW	18 08/06/73 - NYW	19 08/06/73 - NYW	20 08/06/73 - NYW	21 08/06/73 - NYW	22 08/06/73 - NYW	23 08/06/73 - NYW	24 08/06/73 - NYW	25 08/06/73 - NYW	26 08/06/73 - NYW	27 08/06/73 - NYW	28 08/06/73 - NYW	29 08/06/73 - NYW	30 08/06/73 - NYW	31 08/06/73 - NYW	32 08/06/73 - NYW	33 08/06/73 - NYW	34 08/06/73 - NYW	35 08/06/73 - NYW	36 08/06/73 - NYW	37 08/06/73 - NYW	38 08/06/73 - NYW	39 08/06/73 - NYW	40 08/06/73 - NYW	41 08/06/73 - NYW	42 08/06/73 - NYW	43 08/06/73 - NYW	44 08/06/73 - NYW	45 08/06/73 - NYW	46 08/06/73 - NYW	47 08/06/73 - NYW	48 08/06/73 - NYW	49 08/06/73 - NYW	50 08/06/73 - NYW	51 08/06/73 - NYW	52 08/06/73 - NYW	53 08/06/73 - NYW	54 08/06/73 - NYW	55 08/06/73 - NYW	56 08/06/73 - NYW	57 08/06/73 - NYW	58 08/06/73 - NYW	59 08/06/73 - NYW	60 08/06/73 - NYW	61 08/06/73 - NYW	62 08/06/73 - NYW	63 08/06/73 - NYW	64 08/06/73 - NYW	65 08/06/73 - NYW	66 08/06/73 - NYW	67 08/06/73 - NYW	68 08/06/73 - NYW	69 08/06/73 - NYW	70 08/06/73 - NYW	71 08/06/73 - NYW	72 08/06/73 - NYW	73 08/06/73 - NYW	74 08/06/73 - NYW	75 08/06/73 - NYW	76 08/06/73 - NYW	77 08/06/73 - NYW	78 08/06/73 - NYW	79 08/06/73 - NYW	80 08/06/73 - NYW	81 08/06/73 - NYW	82 08/06/73 - NYW	83 08/06/73 - NYW	84 08/06/73 - NYW	85 08/06/73 - NYW	86 08/06/73 - NYW	87 08/06/73 - NYW	88 08/06/73 - NYW	89 08/06/73 - NYW	90 08/06/73 - NYW	91 08/06/73 - NYW	92 08/06/73 - NYW	93 08/06/73 - NYW	94 08/06/73 - NYW	95 08/06/73 - NYW	96 08/06/73 - NYW	97 08/06/73 - NYW	98 08/06/73 - NYW	99 08/06/73 - NYW	100 08/06/73 - NYW	101 08/06/73 - NYW	102 08/06/73 - NYW	103 08/06/73 - NYW	104 08/06/73 - NYW	105 08/06/73 - NYW	106 08/06/73 - NYW	107 08/06/73 - NYW	108 08/06/73 - NYW	109 08/06/73 - NYW	110 08/06/73 - NYW	111 08/06/73 - NYW	112 08/06/73 - NYW	113 08/06/73 - NYW	114 08/06/73 - NYW	115 08/06/73 - NYW	116 08/06/73 - NYW	117 08/06/73 - NYW	118 08/06/73 - NYW	119 08/06/73 - NYW	120 08/06/73 - NYW	121 08/06/73 - NYW	122 08/06/73 - NYW	123 08/06/73 - NYW	124 08/06/73 - NYW	125 08/06/73 - NYW	126 08/06/73 - NYW	127 08/06/73 - NYW	128 08/06/73 - NYW	129 08/06/73 - NYW	130 08/06/73 - NYW	131 08/06/73 - NYW	132 08/06/73 - NYW	133 08/06/73 - NYW	134 08/06/73 - NYW	135 08/06/73 - NYW	136 08/06/73 - NYW	137 08/06/73 - NYW	138 08/06/73 - NYW	139 08/06/73 - NYW	140 08/06/73 - NYW	141 08/06/73 - NYW	142 08/06/73 - NYW	143 08/06/73 - NYW	144 08/06/73 - NYW	145 08/06/73 - NYW	146 08/06/73 - NYW	147 08/06/73 - NYW	148 08/06/73 - NYW	149 08/06/73 - NYW	150 08/06/73 - NYW	151 08/06/73 - NYW	152 08/06/73 - NYW	153 08/06/73 - NYW	154 08/06/73 - NYW	155 08/06/73 - NYW	156 08/06/73 - NYW	157 08/06/73 - NYW	158 08/06/73 - NYW	159 08/06/73 - NYW	160 08/06/73 - NYW	161 08/06/73 - NYW	162 08/06/73 - NYW	163 08/06/73 - NYW	164 08/06/73 - NYW	165 08/06/73 - NYW	166 08/06/73 - NYW	167 08/06/73 - NYW	168 08/06/73 - NYW	169 08/06/73 - NYW	170 08/06/73 - NYW	171 08/06/73 - NYW	172 08/06/73 - NYW	173 08/06/73 - NYW	174 08/06/73 - NYW	175 08/06/73 - NYW	176 08/06/73 - NYW	177 08/06/73 - NYW	178 08/06/73 - NYW	179 08/06/73 - NYW	180 08/06/73 - NYW	181 08/06/73 - NYW	182 08/06/73 - NYW	183 08/06/73 - NYW	184 08/06/73 - NYW	185 08/06/73 - NYW	186 08/06/73 - NYW	187 08/06/73 - NYW	188 08/06/73 - NYW	189 08/06/73 - NYW	190 08/06/73 - NYW	191 08/06/73 - NYW	192 08/06/73 - NYW	193 08/06/73 - NYW	194 08/06/73 - NYW	195 08/06/73 - NYW	196 08/06/73 - NYW	197 08/06/73 - NYW	198 08/06/73 - NYW	199 08/06/73 - NYW	200 08/06/73 - NYW	201 08/06/73 - NYW	202 08/06/73 - NYW	203 08/06/73 - NYW	204 08/06/73 - NYW	205 08/06/73 - NYW	206 08/06/73 - NYW	207 08/06/73 - NYW	2
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