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# COAXIAL CABLE ASSEMBLY | CUSTOMER PRODUCT SPECIFICATION SHEET

## CAB602RF: I-PEX MHF I PLUG TO 1.13MM CABLE TO SMA STRAIGHT BULKHEAD JACK WITH O-RING, RATED TO IP67, 6GHz

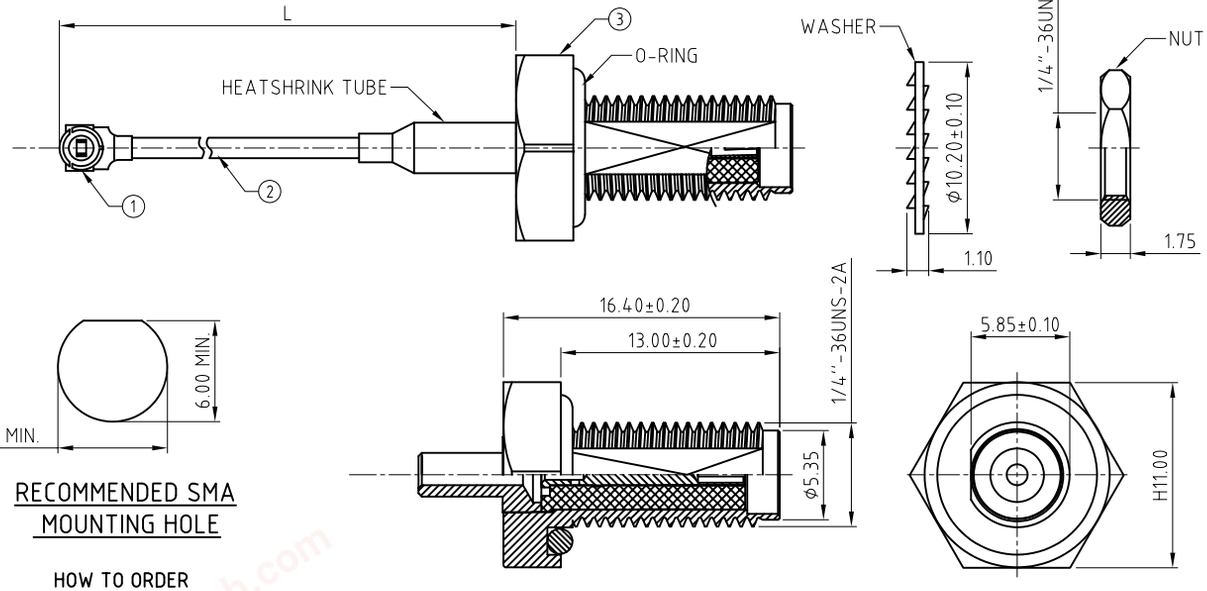
RoHS Compliant

SPECIFICATIONS :
1. I-PEX MHF I PLUG, P/N: 20278-112R-13.
2. Ø1.13MM CABLE, COLOR: GRAY
3. SMA STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67, P/N: RFCT-SMA135-F13.

ENVIRONMENTAL:
A. BULKHEAD MOUNTED CONNECTOR (RFCT-SMA135-F13)
   i. IP6X - DUST TIGHT - NO PARTICLE INGRESS.
   ii. IPX7 WATERPROOF FOR 30 MINUTES UP TO 1 METER UNDERWATER.

NOTES:
1. WORKING FREQUENCY RANGE: DC-6GHz.
2. OPERATING TEMPERATURE: -40°C TO +85°C.
3. IMPEDANCE: 50 Ohm.

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.




RECOMMENDED SMA MOUNTING HOLE

SMA JACK DETAIL DRAWING

HOW TO ORDER

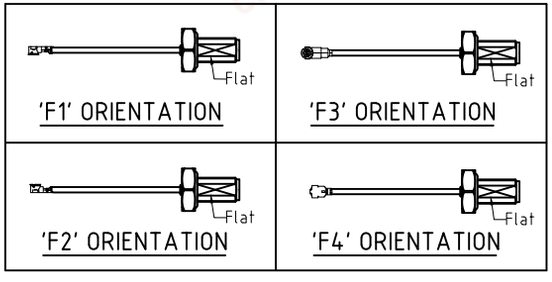
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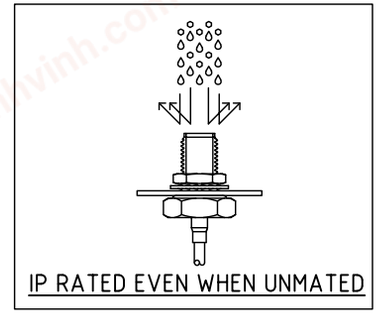
"L" LENGTH IN MM
eg: 100MM = 0100
(MIN. 0050-MAX.0400
STANDARD = 0100, 0150, 0200)
Tolerance: 50-200mm: ±5mm.
201-400mm: ±7mm.

ORIENTATION OPTIONS:
BLANK = DOES NOT HAVE A FIXED ORIENTATION
F1 = MHF CONNECTION DOWN (L=50-200MM)
F2 = MHF CONNECTION UP (L=50-200MM)
F3 = MHF CONNECTION AND D FLAT SAME ORIENTATION (L=50-200MM)
F4 = MHF CONNECTION AND D FLAT OPPOSITE ORIENTATION (L=50-200MM)
(SEE NOTES 1, 2, 3 AND DIAGRAMS FOR MORE INFORMATION)

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

CABLE SIZE:
1 = Ø1.13MM CABLE, COLOR: GRAY




| REV. | DATE & DRN | |
|---|---|---|
| 1.0 | 29/10/'23 - CC | RELEASE |
| 1.1 | 07/12/'23 - CC | Update product description |
| 1.2 | 24/01/'24 - CC | ADD IP RATING VIEW |
| 1.3 | 22/10/'24 - CC | ADD GCT LOGO. |
| 1.4 | 22/02/'25 - CC | Remove nautilus LOGO. |

| | | | |
|---|---|---|---|
| Scale: NTS | THIRD ANGLE | Unstated Tolerances: .X N/A, .XX N/A, .XXX N/A, ANGLES N/A | IP Rated RF Products |
| Drawn: CC | | | |
| App'd: PH | Title CABLE ASSEMBLY | | |
| Date: 22 Feb. '25 | Revision: 1.4 | Unit: mm | |

GCT GradConn
www.gct.co www.gradconn.com

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Drawing Number: CAB602RF

Sheet 1 of 1

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