

CAB437RF: I-PEX MHF + RP SMA STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67/68 + RG178 CABLE

SPECIFICATIONS:

1. IPEX MHF PLUG, P/N: 20278-112R-18.
2. RG178 COAXIAL CABLE, COLOR: BROWN.
3. RP SMA STRAIGHT BULKHEAD JACK WITH O-RING, NICKEL PLATED, RATED TO IP67/68, PN: RFCT-SMA008-F78-N.

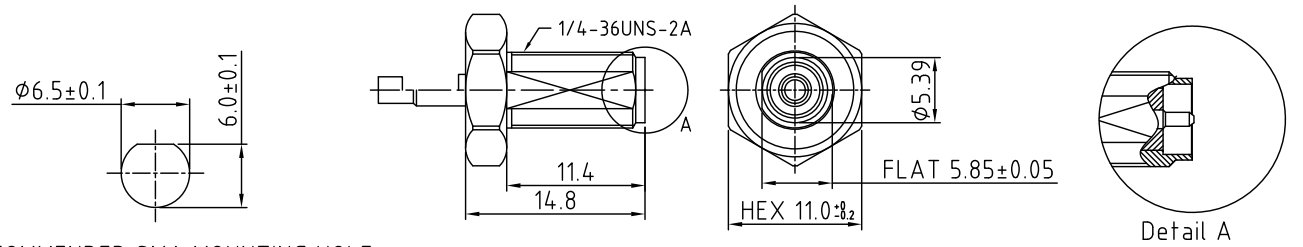
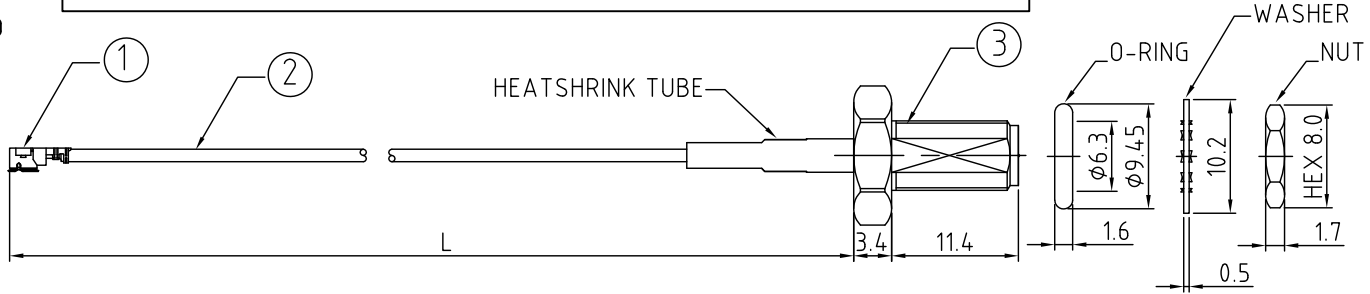
ENVIRONMENTAL:

- A. BULKHEAD MOUNTED CONNECTOR (RFCT-SMA008-F78-N) TESTED TO THE FOLLOWING SPECIFICATION:
- i. IP6X - DUST TIGHT - NO PARTICLE INGRESS.
 - ii. IPX7 WATERPROOF FOR 30 MINUTES UP TO 1M UNDERWATER.
 - iii. IPX8 WATERPROOF FOR 48 HOURS AT 1M UNDERWATER.
 - iv. IPX8 WATERPROOF FOR 12 HOURS AT 5M UNDERWATER.
 - v. PRESSURE TEST - 1 BAR FOR 10 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 GRAD CONN IF THE ORIENTATION YOU REQUIRE IS NOT SHOWN.
4. WORKING FREQUENCY RANGE: DC-3GHz.
5. OPERATING TEMPERATURE: -40°C~+85°C
6. 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 DETAIL DRAWING

HOW TO ORDER

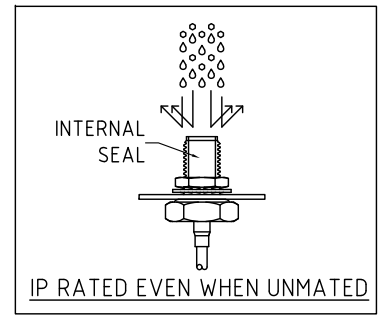
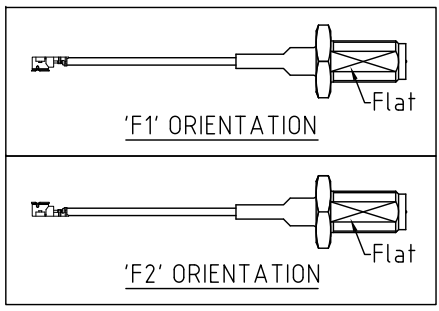
CAB437RF - X X X X - X X - X - 1

"L" LENGTH IN MM:
 eg: 100MM = 0100
 (MIN. 0025-MAX.0400)
 STANDARD = 0100, 0150, 0200)
 Tolerance: 20-50mm: ±2mm.
 51-200mm: ±5mm.
 201-400mm: ±7mm.

CABLE SIZE:
 1 = RG178 CABLE, COLOR: BROWN.

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=25-100MM)
 F2 = MHF CONNECTION UP (L=25-100MM)
 (SEE NOTES 1, 2, 3 AND DIAGRAMS FOR MORE INFORMATION)



REV. DATE & DRN
 10 10/09/20 - N/W RELEASE
 11 20/07/24 - CC
 ADD IP RATING VIEW

Scale: NTS	THIRD ANGLE	Unstated .X .XX .XXX ANGLES	Tolerances: N/A N/A N/A N/A
Drawn: CC			
App'd: XXX	Title CABLE ASSEMBLY		
Date: 20 JAN. '24	Revision: 1.1	Unit: mm	



IP Rated RF Products www.gradconn.com

THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT

Drawing Number: CAB437RF	
Sheet 1	of 1
Drawing ©	E and O E