

CAB569RF: I-PEX MHF PLUG + SUS316 S/S SMA STRAIGHT BULKHEAD JACK W/O-RING RATED TO IP68/69K + ϕ 1.13MM CABLE, 6GHZ

SPECIFICATIONS :

1. I-PEX MHF PLUG, GOLD PLATED, P/N: 20278-112R-13.
2. ϕ 1.13MM COAXIAL CABLE, COLOR: GRAY.
3. SMA STRAIGHT BULKHEAD JACK W/O-RING, W/SUS316 STAINLESS STEEL BODY, RATED TO IP67/68, P/N: RFCT-SMA122-F13 (WITH SILICONE O-RING), RFCT-SMA122-F13-1 (WITH EPDM O-RING).
4. WASHER: SUS316.
5. NUT: SUS316, PASSIVATED.

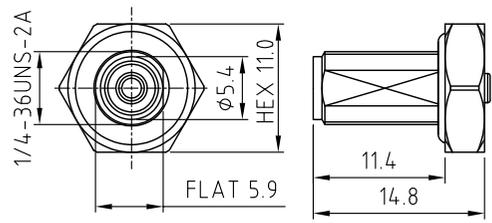
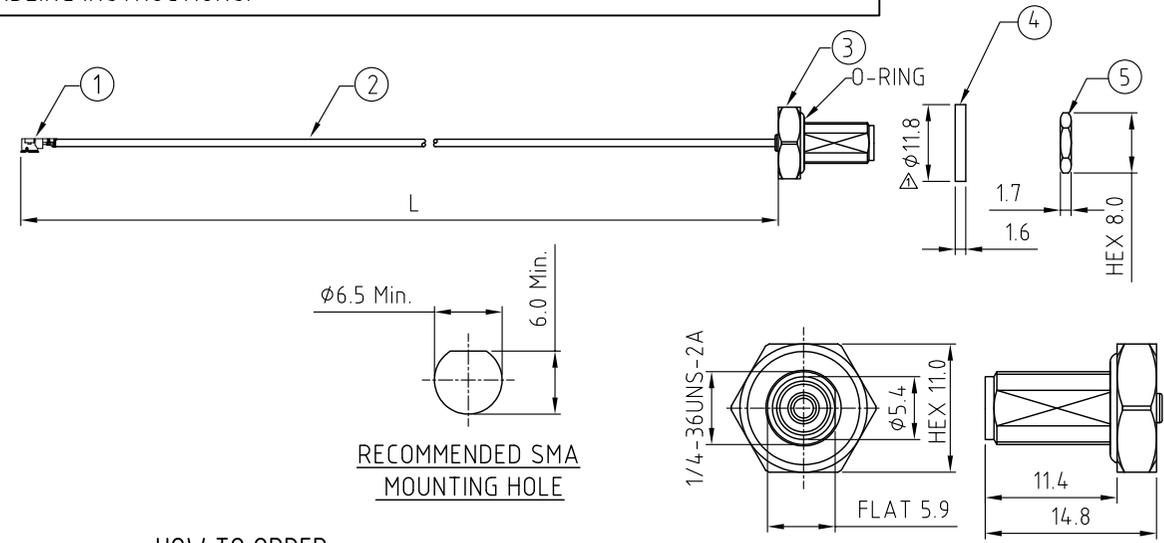
ENVIRONMENTAL:

- A. BULKHEAD MOUNTED CONNECTOR (RFCT-SMA122-F13-1) 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 GCT IF THE ORIENTATION YOU REQUIRE IS NOT SHOWN.
4. WORKING FREQUENCY RANGE: DC-6GHZ.
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 GCT.CO 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
 CAB569RF - X X X X - X X - X - 1 - X

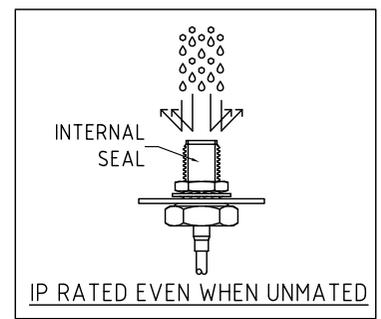
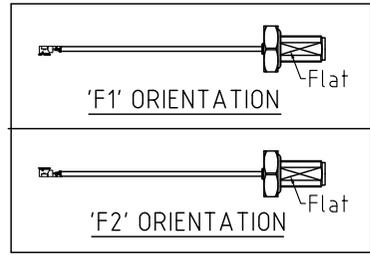
"L" LENGTH IN MM:
 eg: 100MM = 0100
 (MIN. 0050-MAX.0400)
 STANDARD = 0100, 0150, 0200
 Tolerance: 50mm: \pm 2mm.
 51-200mm: \pm 5mm.
 201-400mm: \pm 7mm.

CABLE SIZE:
 1 = ϕ 1.13MM CABLE, COLOR: GRAY.

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

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

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)



REV. DATE & DRN
11 28/04/23 - NYW RELEASE
12 08/05/23 - NYW RANGE.
13 27/05/23 - NYW RANGE CHANGE TO TIP TO FLAT.
14 02/06/23 - NYW
15 08/07/23 - NYW
16 09/07/24 - CC
17 04/09/24 - NYW
18 22/02/25 - CC
Add GCT logo.

Scale: NTS	THIRD ANGLE	Unstated Tolerances:
Drawn: CC		.X N/A .XX N/A .XXX N/A ANGLES N/A
App'd: XXX	Title CABLE ASSEMBLY	
Date: 22 Feb. '25	Revision: 1.8	Unit: mm

IP Rated
RF Products



Drawing Number:	CAB569RF
Sheet 1 of 1	
Drawing	E and O E