COAXIAL CABLE ASSEMBLY | CUSTOMER PRODUCT SPECIFICATION SHEET

CAB429RF: I-PEX MHF 5L PLUG + SMA STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67/68 + 1.13MM CABLE, 6GHz

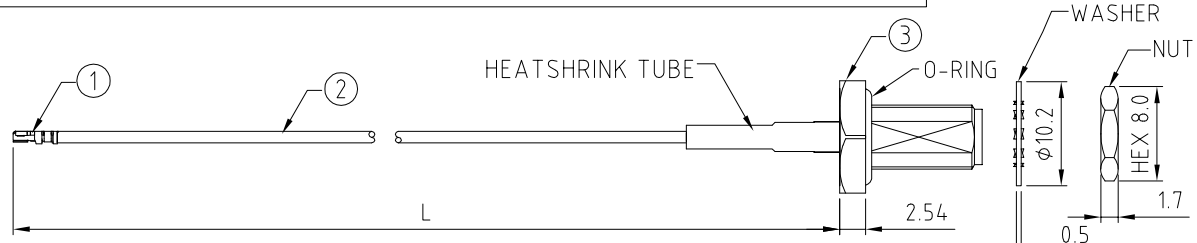
RoHS Compliant

SPECIFICATIONS :
1. I-PEX MHF 5L PLUG, P/N:20668-001R-13.
2. 1.13MM COAXIAL CABLE, COLOR: GRAY
3. SMA STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67/68, P/N: RFCT-SMA069-F78.

ENVIRONMENTAL:
A. BULKHEAD MOUNTED CONNECTOR (RFCT-SMA069-F78) RATED TO THE FOLLOWING SPECIFICATION:
   i. IP6X - DUST TIGHT - NO PARTICLE INGRESS.
   ii. IPX7 WATERPROOF FOR 30 MINUTES UP TO 1 METER UNDERWATER.
   iii. IPX8 WATERPROOF FOR 48 HOURS AT 1 METER UNDERWATER.

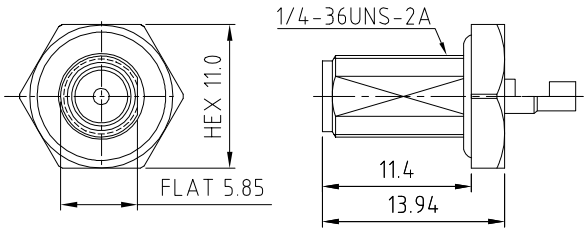
NOTES:
1. THE ORIENTATION OF CONNECTORS ON DRAWING IS FOR REFERENCE ONLY, IF THE ORDER IS LEFT BLANK THE CONNECTOR WILL NOT HAVE FIXED ORIENTATION.
2. FIXED ORIENTATION IS SUGGESTED FOR CABLE LENGTH 50MM TO 100MM. PLEASE SPECIFY THE FIXED ORIENTATIONS FROM THE ORDER CODE (F1, F2, ETC)
3. CONTACT GRADCONN IF THE ORIENTATION YOU REQUIRE IS NOT SHOWN.
4. WORKING FREQUENCY RANGE: DC-6GHz.
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.

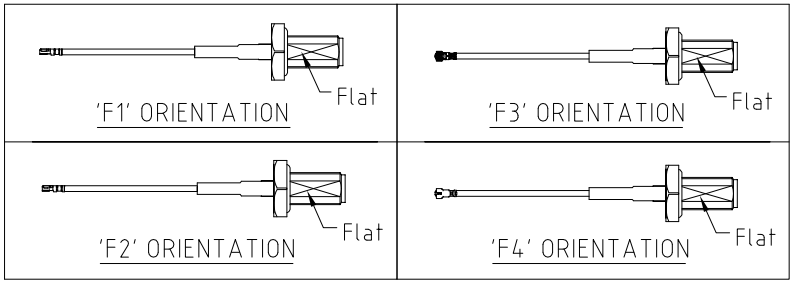




I-PEX MHF 5L PLUG



SMA DETAIL DRAWING



HOW TO ORDER

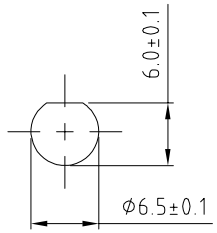
CAB429RF - X X X X - X X - X - 1

"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 = SEPARATELY PACKED (STANDARD)
A = ASSEMBLED WITH CONNECTOR

CABLE SIZE:
1 = ϕ1.13MM CABLE, COLOR: GRAY



RECOMMENDED SMA MOUNTING HOLE

REV. DATE & DRN
1.0 16/09/'20 - NYW RELEASE

Scale: NTS	THIRD ANGLE	Unstated Tolerances: .X N/A, .XX N/A, .XXX N/A, ANGLES N/A	Drawing Number: CAB429RF
Drawn: NYW			
App'd: XXX	Title CABLE ASSEMBLY		Sheet 1 of 1
Date: 16 SEP. '20	Revision: 1.0	Unit: mm	Drawing © E and O E

NAUTILUS IP67/68 Rated Cables

GRADCONN www.gradconn.com

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