

CABLE 385 RF: I-PEX MHF 4L TO 1.13MM CABLE TO SMA STRAIGHT BULKHEAD JACK WITH O-RING, IP67/68, 6GHz

SPECIFICATIONS :

1. I-PEX MHF 4L PLUG, P/N: 20565-001R-13.
2. $\phi 1.13$ MM COAXIAL CABLE, COLOR: BLACK.
3. SMA STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67/68,
P/N: RFCT-SMA069-F78.

ENVIRONMENTAL:

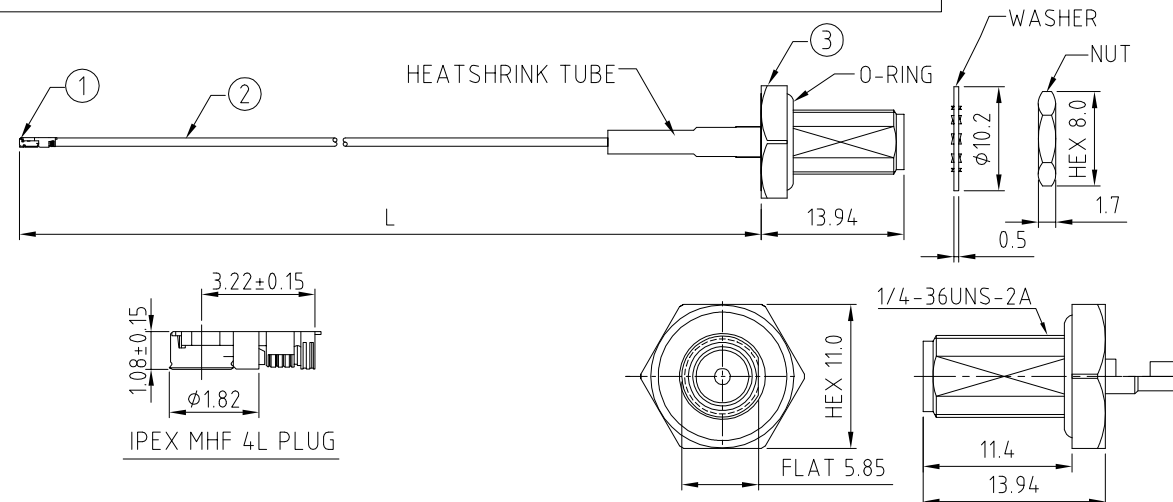
- A. BULKHEAD MOUNTED CONNECTOR (RFCT-SMA069-F78) RATED TO THE FOLLOWING SPECIFICATION:
- i. IP6X – DUST TIGHT – NO PARTICLE INGRESS.
 - ii. IPX7 WATERPROOF FOR 30 MINUTES UP TO 1 METER UNDERWATER.
 - iii. IPX8 WATERPROOF FOR 48 HOURS AT 1 METER UNDERWATER.

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.



HOW TO ORDER

CABLE 385 RF - X X X - X X - X - 2- X

"L" LENGTH IN MM:
eg: 100MM = 100
(MIN. 050-MAX.400
STANDARD = 100, 150, 200)
Tolerance: 50-200mm: ± 5 mm.
201-400mm: ± 7 mm.

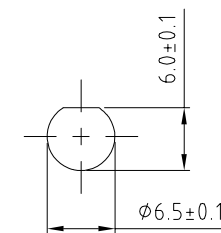
— HEAT SHRINK TUBE COLOR:
BLANK = BLACK (STANDARD)
Y = YELLOW

CABLE SIZE:
2 = Ø1.13MM CABLE, COLOR: BLACK

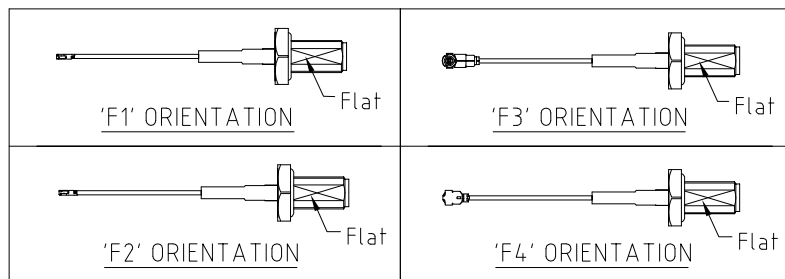
WASHER AND NUT OPTIONS:
BLANK = SEPARATELY PACKED (STANDARD)
A = ASSEMBLED WITH CONNECTOR

ORIENTATION OPTIONS:

BLANK = DOES NOT HAVE A FIXED ORIENTATION
F1 = MHF CONNECTION DOWN (L=50-200MM)
F2 = MHF CONNECTION UP (L=50-200MM)
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)



RECOMMENDED SMA MOUNTING HOLE



REV. DATE & DRN 10 10/03/20 - NYW RELEASE 11 08/04/20 - NYW 12 06/04/20 - CC 13 06/04/20 - CC 14 24/07/20 - NYW REMOVE NOTE 7. AMEND OPERATING TEMP.	Scale: NTS	THIRD ANGLE		Unstated: N/A XX: N/A XXX: N/A ANGLES: N/A	 IP67/68 Rated Cables © THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT	 www.gradconn.com	Type: Cable 385 RF
	Drawn: CC						CABLE 385 RF
	App'd: XXX	Title CABLE ASSEMBLY					Drawing Number:
	Date: 24 JUL. '20	Revision: 1.4	Unit: mm				Sheet 1 of 1
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