CUSTOMER PRODUCT SPECIFICATION SHEET

RoHS Compliant

CAB430RF: I-PEX MHF 5L PLUG + RP SMA STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67/68 + 1.13MM CABLE, 6GHz

SPECIFICATIONS:

- 1. I-PEX MHF 5L PLUG. P/N:20668-001R-13.
- 2. 1.13MM COAXIAL CABLE, COLOR: GRAY
- 3. RP SMA STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67/68. P/N: RFCT-SMA071-F78.

ENVIRONMENTAL:

- A. BULKHEAD MOUNTED CONNECTOR (RFCT-SMA071-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 GCT IF THE ORIENTATION YOU REQUIRE IS NOT SHOWN.
- 4. WORKING FREQUENCY RANGE: DC-6GHz.
- 5. OPERATING TEMPERATURE: -40°C~+85°C.

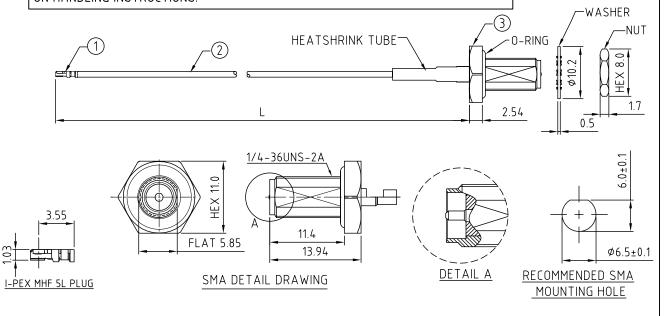
'F1' ORIENTATION

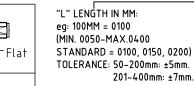
'F2' ORIENTATION

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





'F3' ORIENTATION

'F4' ORIENTATION

CAB430RF - X X X X - X X - X - 1 "L" LENGTH IN MM: eg: 100MM = 0100

HOW TO ORDER

CABLE SIZE: $1 = \phi 1.13MM$ CABLE, COLOR: GRAY WASHER AND NUT OPTIONS: BLANK = SEPARATELY PACKED (STANDARD) A = ASSEMBLED WITH CONNECTOR

ORIENTATION OPTIONS:

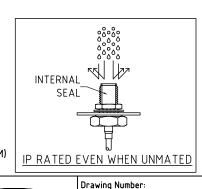
BLANK = DOES NOT HAVE A FIXED ORIENTATION

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)



	RELEASE		
REV. DATE & DRN	1.0 16/09/'20 - NYW	1.1 20/01/'24 - CC ADD IP RATING VIEW	1.2 16/02/'25 - CC Add GCT logo.

Tolerances: THIRD ANGLE Unstated Scale: NTS .X .XX .XXX ANGLES N/A N/A N/A Drawn: CC N/A XXX Title CABLE ASSEMBLY Date: 16 FEB. '25 Revision: 1.2 Unit: mm

201-400mm: ±7mm.

IP Rated RF Products

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CAB430RF

Sheet 1 of 1 Drawing (C) E and 0 E