CUSTOMER PRODUCT SPECIFICATION SHEET

NOT FORCEFULLY DEFORM WIRES.

ON HANDLING INSTRUCTIONS

(i) HANDLE WITH CARE.

RoHS Compliant

CAB429RF: I-PEX MHF 5L PLUG + 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. 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:

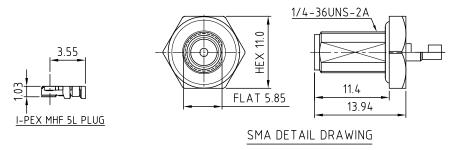
- 1. THE ORIENTATION OF CONNECTORS ON DRAWING IS FOR REFERENCE ONLY. IF THE ORDER IS LEFT BLANK THE CONNECTOR WILL NOT HAVE FIXED ORIENTATION.
- 2. FIXED ORIENTATION IS SUGGESTED FOR CABLE LENGTH 50MM TO 100MM. PLEASE SPECIFY THE FIXED ORIENTATIONS FROM THE ORDER CODE (F1. F2. ETC)
- 3. CONTACT GCT IF 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.

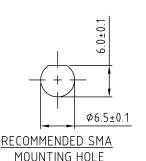
-WASHER HEATSHRINK TUBE 0-RING 0 œ. Ø10. 17 2.54 0.5

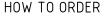


USAGE PRECAUTIONS: CABLES USING 'MICRO' COAX ARE DELICATE:

(ii) DO NOT TWIST: APPLY EXCESSIVE FORCES OR SHARP BENDS TO THE CABLE. DO

(iii) CONSULT CONNECTOR MANUFACTURER'S DATASHEETS FOR DETAILED NOTES





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.

Flat

'F3' ORIENTATION

'F4' ORIENTATION

CABLE SIZE: 1 = ϕ 1.13MM CABLE, COLOR: GRAY WASHER AND NUT OPTIONS: BLANK = SEPARATELY PACKED (STANDARD)

A = ASSEMBLED WITH CONNECTOR

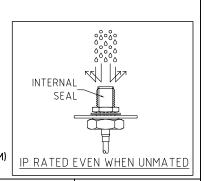
ORIENTATIÓN OPTIONS:

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)



EV. DATE & DRN	.0 16/09/'20 - NYW RELEASE	1 20/01/'24 - CC ADD IP RATING VIEW	.2 16/02/'25 - CC Add GCT logo.	

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Scale:	NTS	THIRD AND	SLE	Unstated .X .XX	Tolerances: N/A N/A	
Drawn:	СС	→ -	-	.XXX ANGLES	N/A N/A	
App'd:	xxx	Title CABLE ASSEMBLY				
Date: 16 FEB. '25		Revision:	1.2	Unit: mm		ŀ





CAB429RF

Drawing Number:

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