#### CUSTOMER PRODUCT SPECIFICATION SHEET

## RoHS Compliant

# CAB431RF: I-PEX MHF 5L PLUG + SMA STRAIGHT BULKHEAD JACK + 1.13MM CABLE, 6GHz

### SPECIFICATIONS:

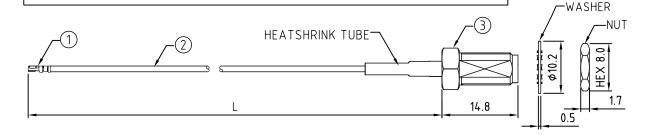
- 1. I-PEX MHF 5L PLUG. P/N:20668-001R-13.
- 2. 1.13MM COAXIAL CABLE, COLOR: GRAY.
- 3. SMA STRAIGHT BULKHEAD JACK, P/N: RFCT-SMA047-F13.

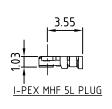
#### NOTES:

- 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.
- 6. IMPEDANCE: 50 Ohm.

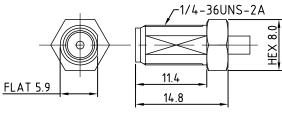
#### USAGE PRECAUTIONS: CABLES USING 'MICRO' COAX ARE DELICATE:

- (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.

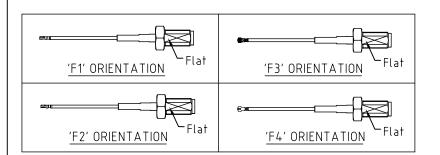




201-400mm: ±7mm.



SMA DETAIL DRAWING



HOW TO ORDER CAB431RF - X X X X - X X - X - 1 CABLE SIZE: "L" LENGTH IN MM:

1 =  $\phi$ 1.13MM CABLE, COLOR: GRAY eg: 100MM = 0100 WASHER AND NUT OPTIONS: (MIN. 0050-MAX.0400 BLANK = SEPARATELY PACKED (STANDARD)

STANDARD = 0100, 0150, 0200) A = ASSEMBLED WITH CONNECTOR TOLERANCE: 50-200mm: ±5mm.

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)

ON)

	(SEE NO	DTES 1, 2, 3 AN	ID DIAGRA	MS FOR I	MORE INFORMATION	1)
Scale:	NTS	THIRD ANGLE	Unstated .X .XX	Tolerances: N/A N/A		
Drawn:	СС	$\rightarrow \oplus$	- XXX ANGLES	N/A N/A	<b>GCT</b>	GRADCONN
App'd: XXX Title CABLE ASSEMBLY				www.gct.co	www.gradconn.co	
Date: 16 FEB. '25		Revision: 1.1 Unit: 1		nm	THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT	



Drawing Number: CAB431RF

RECOMMENDED SMA

MOUNTING HOLE

 $\phi 6.5 \pm 0.1$ 

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