CUSTOMER PRODUCT SPECIFICATION SHEET

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

RoHS Compliant

-WASHER

Ø10.

0.5

0-RING

11.4

-NUT

8.0

CAB531RF: I-PEX MHF 4L LK + SMA STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67/68 + Ø1.37MM CABLE, 8GHZ

SPECIFICATIONS :

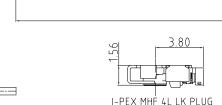
- 1. I-PEX MHF4L LK PLUG, P/N: 20632-001R-37 + 3615-000.
- 2. ϕ 1.37MM COAXIAL CABLE, COLOR: BLACK.
- 3. SMA STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67/68, P/N: RFCT-SMA108-F37.

ENVIRONMENTAL:

- A. BULKHEAD MOUNTED CONNECTOR (RFCT-SMA108-F37)
 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. WORKING FREQUENCY RANGE: DC-8GHz.
- 2. OPERATING TEMPERATURE: -40°C TO +85°C.
- 3. IMPEDANCE: 50 Ohm.



(i) HANDLE WITH CARE.

NOT FORCEFULLY DEFORM WIRES.

ON HANDLING INSTRUCTIONS

The center of the diameter matches the center of receptacle.

TOP VIEW

1/4-36UNS-2A 11.4 11.4 14.8

SMA JACK DETAIL DRAWING

HOW TO ORDER

CAB531RF - <u>X X X X - X X - X - 1</u>

"L" LENGTH IN MM
eg: 100MM = 0100
(MIN. 0050-MAX.0400
STANDARD = 0100, 0150, 0200)
Tolerance: 50-200mm: ±5mm.
201-400mm: +7mm.

Components placemen

prohibited area.

WASHER AND NUT OPTIONS:
BLANK = SEPERATELY 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

Pat	Flat
'F1' ORIENTATION	<u>'F3' ORIENTATION</u>
Flat	Flat
'F2' ORIENTATION	'F4' ORIENTATION

Scale:	NTS	THIRD ANGLE	Unstated .X .XX	Tolerances: N/A N/A	-
Drawn:	NYW		- XXX ANGLES	N/A N/A	
App'd: XXX		Title CABLE ASSEMBLY			
Date: 22	MAY '23	Revision: 1.1	Unit: m	m	H





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Drawing Number:

CAB531RF

Sheet 1 of 1

Drawing (C) E and 0 E