CUSTOMER PRODUCT SPECIFICATION SHEET

RoHS Compliant

CAB421RF: I-PEX MHF 4L LK PLUG + RP FRONT MOUNT SMA STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67/68 + 1.37MM CABLE, 3GHz

SPECIFICATIONS:

- I-PEX MHF 4L LK PLUG, P/N:20632-001R-37. LOCK: 3615-000
- 2. 1.37MM COAXIAL CABLE, COLOR: BLACK
- 3. RP FRONT MOUNT SMA STRAIGHT BULKHEAD JACK WITH 0-RING RATED TO IP67/68, P/N: RFCT-SMA013-F78.

FNVIRONMENTAL:

- A. BULKHEAD MOUNTED CONNECTOR (RFCT-SMA013-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:

- 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.

Flat

4. WORKING FREQUENCY RANGE: DC-3GHz.

'F1' ORIENTATION

'F2' ORIENTATION

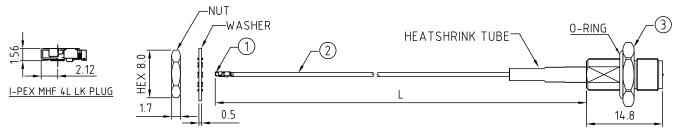
- 5. OPERATING TEMPERATURE: -40°C~+85°C.
- 6. IMPEDANCE: 50 Ohm.
- 7. IT IS INTENDED THAT MOUNTING OF THIS CONNECTOR IS ACHIEVED USING THE NUT AND WASHER PROVIDED. PLEASE CONTACT GRADCONN FOR ADVISE IF PLANNING TO USE A DIFFERENT METHOD OF MOUNTING.

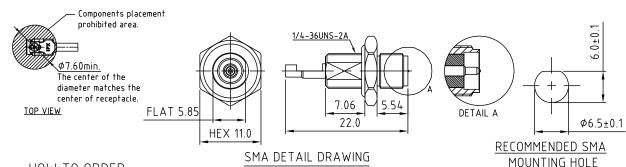
'F3' ORIENTATION

'F4' ORIENTATION

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

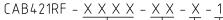
- (i) HANDLE WITH CARE.
- (ii) DO NOT TWIST; APPLY EXCESSIVE FORCES OR SHARP BENDS TO THE CABLE. DO NOT FORCEFULLY DEFORM WIRES.
- (iii) CONSULT CONNECTOR MANUFACTURER'S DATASHEETS FOR DETAILED NOTES ON HANDLING INSTRUCTIONS.





HOW TO ORDER

TIOW TO ONDER



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

CABLE SIZE:

1 = \phi1.37MM CABLE, COLOR: BLACK
WASHER AND NUT OPTIONS:
BLANK = SEPARATELY PACKED (STANDARD)
A = ASSEMBLED WITH CONNECTOR

ORIENTATION OPTIONS:

201-400mm: ±7mm. BLANK = DOES NOT HAVE A FIXED ORIENTATION

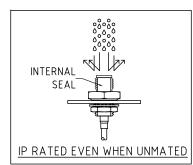
F1 = MHF CONNECTION DOWN (L=50-200MM)

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)



REV. DATE & DRN	.1 29/04/'21 - NYW	.2 20/01/'24 - CC	
.0 08/09/'20 - NYW RELEASE	AMEND MHF 4L LK DRAWING.	ADD IP RATING VIEW	

Scale:	NTS	THIRD ANGLE		Unstated .X .XX	Tolerances: N/A N/A
Drawn:	СС	\downarrow	-	.XXX ANGLES	N/A N/A
App'd:	XXX	Title CABLE ASSEMBLY			
Date: 20	JAN. '24	Revision: 1.2		Unit: mm	





Drawing Number:
CAB421RF

THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE COPIED OR DISCLOSED WITHOUT WRITTEN CONSENT

Sheet 1 of 1

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