RoHS Compliant

CAB424RF: I-PEX MHF 4L LK PLUG + RP SMA STRAIGHT BULKHEAD JACK + 1.37MM CABLE, 6GHz
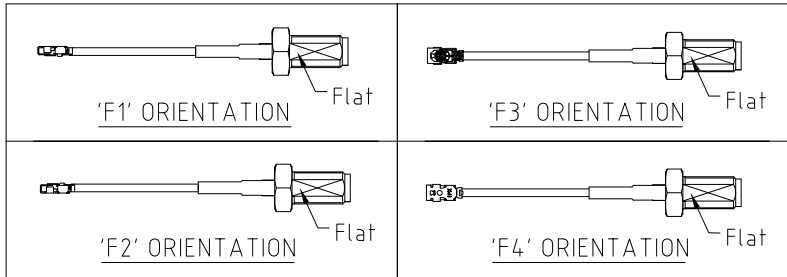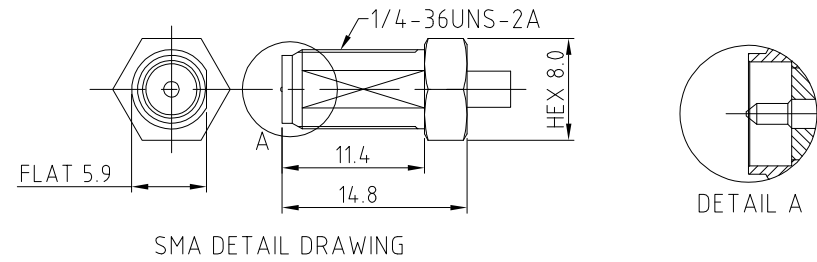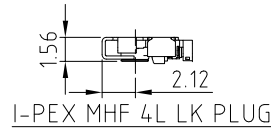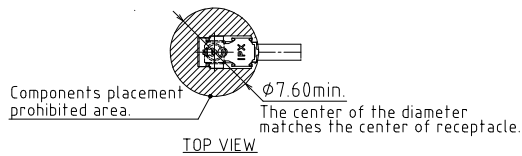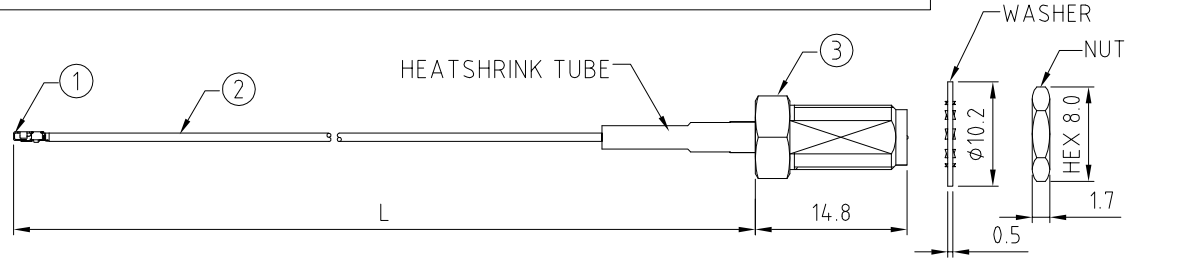
SPECIFICATIONS :
1. I-PEX MHF 4L LK PLUG, P/N:20632-001R-37.
   LOCK: 3615-000
2. 1.37MM COAXIAL CABLE, COLOR: BLACK
3. RP SMA STRAIGHT BULKHEAD JACK, P/N: RFCT-SMA007-F37.

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 GRADCONN 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
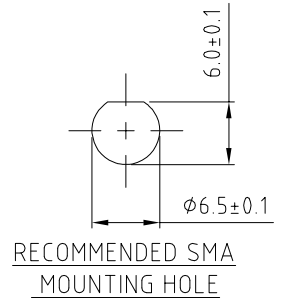ON HANDLING INSTRUCTIONS.

HEATSHRINK TUBE

WASHER
NUT
∅10.2
HEX 8.0
1.7
0.5
L
14.8

1.56
2.12
I-PEX MHF 4L LK PLUG

Components placement prohibited area.
∅7.60min.
The center of the diameter matches the center of receptacle.
TOP VIEW

1/4-36UNS-2A
HEX 8.0
FLAT 5.9
A
11.4
14.8
SMA DETAIL DRAWING

DETAIL A

6.0±0.1
∅6.5±0.1
RECOMMENDED SMA
MOUNTING HOLE

HOW TO ORDER

CAB424RF - 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.

CABLE SIZE:
1 = ∅1.37MM CABLE, COLOR: BLACK
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)

'F1' ORIENTATION — Flat

'F3' ORIENTATION — Flat

'F2' ORIENTATION — Flat

'F4' ORIENTATION — Flat

Scale:	NTS	THIRD ANGLE	Unstated Tolerances:	
			.X	N/A
			.XX	N/A
Drawn:	NYW		.XXX	N/A
			ANGLES	N/A
App'd:	XXX	Title CABLE ASSEMBLY		
Date: 5 MAY '21	Revision: 1.1	Unit: mm		

GradConn
www.gradconn.com

Drawing Number:
CAB424RF

Sheet 1   of 1
Drawing ©   E and 0 E