RoHS
Compliant

CAB554RF: I-PEX SW23 PLUG + SMA STRAIGHT BULKHEAD JACK WITH O-RING + Ø1.13MM CABLE, 6GHz
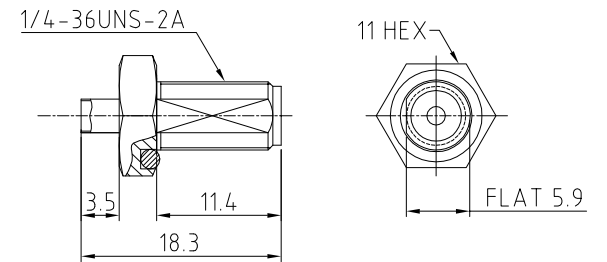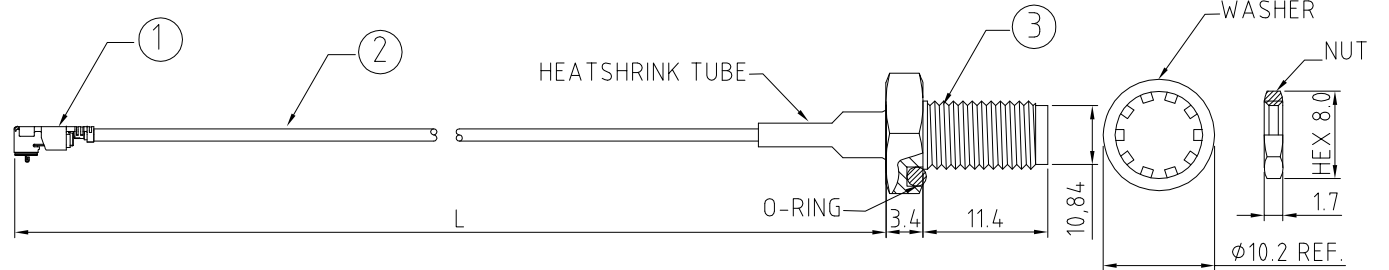
SPECIFICATIONS
1. I-PEX SW23 PLUG PLUG, P/N:20851-001R.
2. COAXIAL CABLE, SEE P/N OPTION FOR DETAIL.
3. SMA STRAIGHT BULKHEAD JACK WITH O-RING, GOLD. P/N:
   RFCT-SMA032-F13.

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 GRAD CONN IF THE ORIENTATION YOU REQUIRE IS
NOT SHOWN.
4. WORKING FREQUENCY RANGE: DC-6GHz
5. OPERATING TEMPERATURE: -40°C TO + 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.

① ② ③ WASHER NUT
HEATSHRINK TUBE
O-RING
3.4 11.4 10.84
HEX 8.0
1.7
Ø10.2 REF.

1/4-36UNS-2A   11 HEX
3.5 11.4
18.3
FLAT 5.9
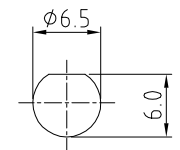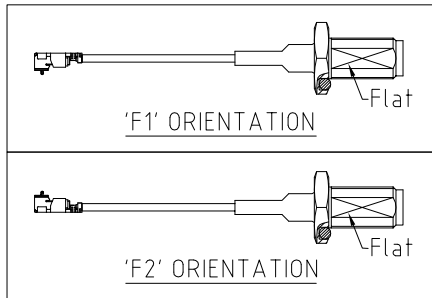
SMA JACK DETAIL DIMENSION

HOW TO ORDER

CAB554RF - X X X X - X X - X - 1

"L" LENGTH IN MM
eg: 100MM = 0100
(MIN. 0050-MAX.0400
STANDARD = 0100, 0150, 0200)
Tolerance: 50mm : ±2mm.
          51-200mm: ±5mm.
          201-400mm: ±7mm.

CABLE SIZE:
1 = Ø1.13MM CABLE, COLOR: BLACK.

WASHER AND NUT OPTIONS:
BLANK = SEPERATELY PACKED (STANDARD)
A = ASSEMBLED WITH CONNECTOR

ORIENTATION OPTIONS:
BLANK = DOES NOT HAVE A FIXED ORIENTATION
F1 = SW23 CONNECTION DOWN (L=50-200MM)
F2 = SW23 CONNECTION UP (L=50-200MM)
(SEE NOTES 1, 2, 3 AND DIAGRAMS FOR MORE INFORMATION)

'F1' ORIENTATION
Flat

'F2' ORIENTATION
Flat

Ø6.5
6.0

RECOMMENDED SMA MOUNTING HOLE