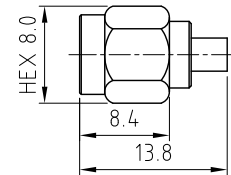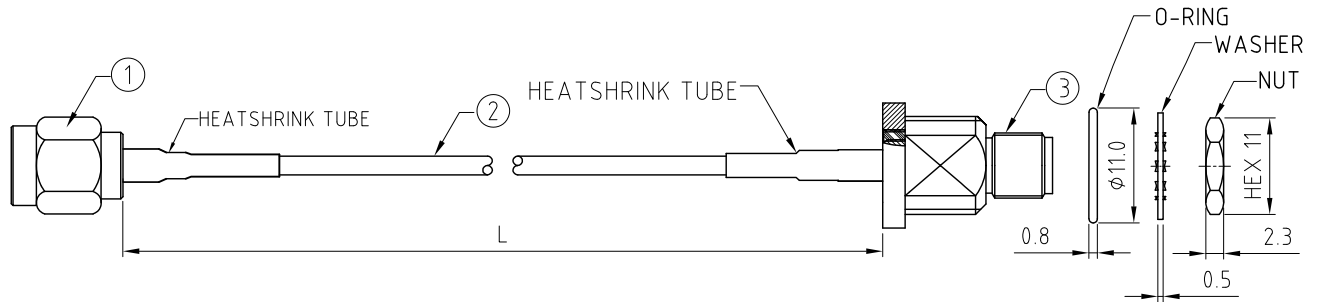**RoHS Compliant**

SPECIFICATIONS :
1. SMA STRAIGHT PLUG, P/N: RFCT-SMA022-M78.
2. RG178 COAXIAL CABLE, COLOR: BROWN.
3. ISOLATED SMA STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67,
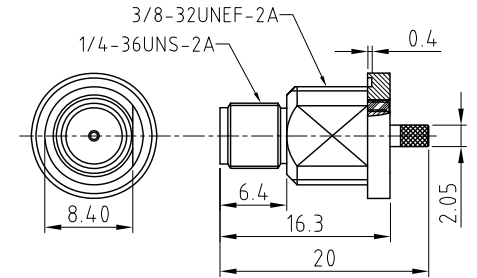   NICKEL PLATED, P/N: RFCT-SMA085-F78.

ENVIRONMENTAL:

A. BULKHEAD MOUNTED CONNECTOR (RFCT-SMA085-F78) RATED TO
   THE FOLLOWING SPECIFICATION:
   i. IP6X - DUST TIGHT - NO PARTICLE INGRESS.
   ii. IPX7 WATERPROOF FOR 30 MINUTES UP TO 1 METER UNDERWATER.

NOTES:
1. WORKING FREQUENCY RANGE: DC-6GHz.
2. OPERATING TEMPERATURE: -40 °C TO +125°C.
3. IMPEDANCE: 50 Ohm.
4. CARE SHOULD BE TAKEN NOT TO OVERTIGHTEN THE MATING CONNECTOR.
OVERTIGHTENING RISKS COMPROMISING THE IP RATING OF THE CONNECTOR.

HEATSHRINK TUBE — ① ② HEATSHRINK TUBE ③ — O-RING — WASHER — NUT

L

⌀11.0   HEX 11
0.8   2.3   0.5

HEX 8.0
8.4
13.8

SMA PLUG DETAIL DRAWING

3/8-32UNEF-2A
1/4-36UNS-2A
0.4
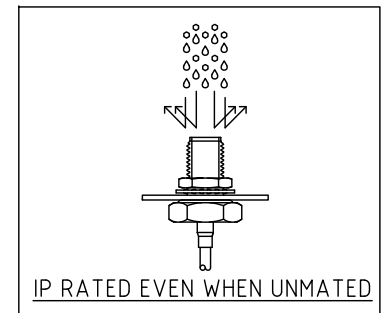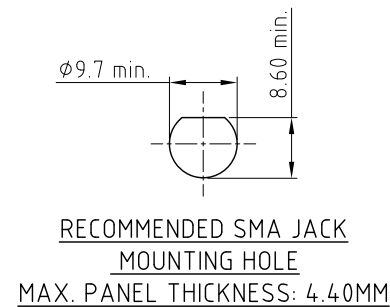8.40   6.4   16.3   20   2.05

SMA JACK DETAIL DRAWING

HOW TO ORDER

CAB558RF - X X X X - X - 1

"L" LENGTH IN MM:
eg: 100MM = 0100
(MIN. 0050-MAX.2000
STANDARD = 0100, 0150, 0200)
Tolerance: 50-200mm: ±5mm.
         201-500mm: ±7mm.
         >500mm: ±10mm.

CABLE OPTIONS:
1 = RG178 CABLE, COLOR: BROWN

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

⌀9.7 min.   8.60 min.

RECOMMENDED SMA JACK
MOUNTING HOLE
MAX. PANEL THICKNESS: 4.40MM

IP RATED EVEN WHEN UNMATED