RoHS Compliant

CAB566RF: RP SMA STRAIGHT PLUG + RP SMA STRAIGHT BULKHEAD JACK W/O-RING RATED TO IP67/68 + MULTIPLE CABLE SIZES, 6GHz
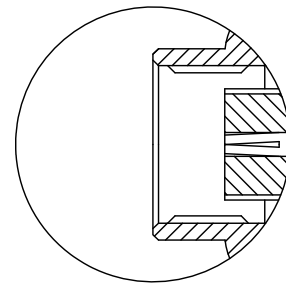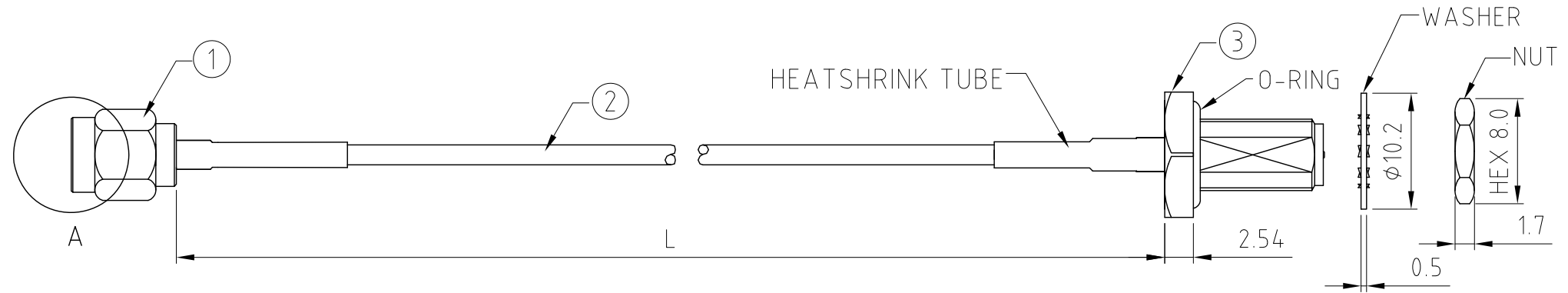
SPECIFICATIONS :

1. RP SMA STRAIGHT PLUG, P/N:
   FOR RG178 CABLE: RFCT-SMA017-M78.
   FOR Ø1.48MM CABLE: RFCT-SMA017-M48.
2. COAXIAL CABLE, SEE P/N FOR DETAIL.
3. RP SMA STRAIGHT BULKHEAD JACK W/O-RING RATED TO IP67/68, P/N: RFCT-SMA071-F78.
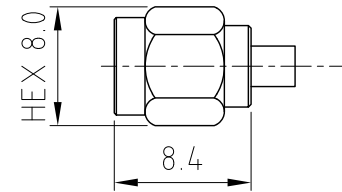
ENVIRONMENTAL:

A. BULKHEAD MOUNTED CONNECTOR (RFCT-SMA071-F78) RATED TO THE FOLLOWING SPECIFICATION:
   i. IP6X - DUST TIGHT - NO PARTICLE INGRESS.
   ii. IPX7 WATERPROOF FOR 30 MINUTES UP TO 1 METER UNDERWATER.
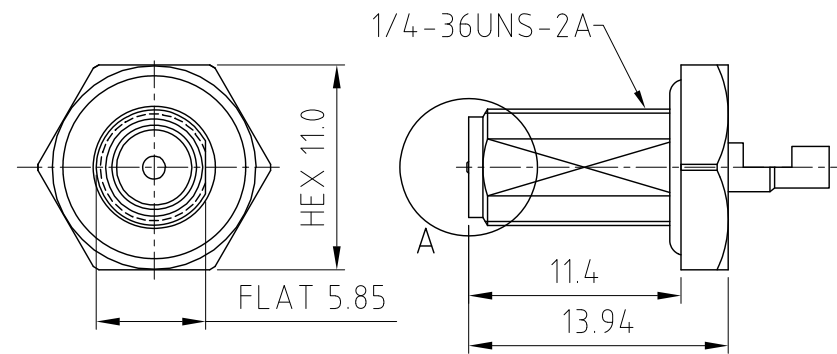   iii. IPX8 WATERPROOF FOR 48 HOURS AT 1 METER UNDERWATER.

NOTES:

1. WORKING FREQUENCY RANGE: DC-6GHz.
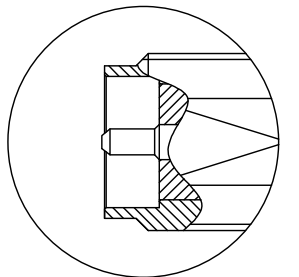2. OPERATING TEMPERATURE: -40°C~+125°C
3. IMPEDANCE: 50 OHM.

HEATSHRINK TUBE — WASHER — NUT — O-RING

Ø10.2 — HEX 8.0 — 2.54 — 0.5 — 1.7

A — L

DETAIL A

HEX 8.0 — 8.4

SMA PLUG DETAIL DRAWING

HEX 11.0 — FLAT 5.85

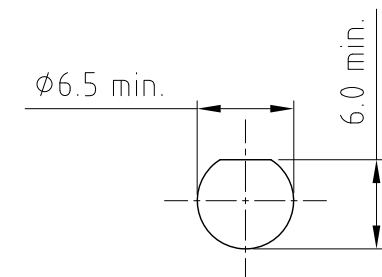1/4-36UNS-2A — 11.4 — 13.94 — A

SMA JACK DETAIL DRAWING

DETAIL B

HOW TO ORDER

CAB566RF - X X X X - X - X
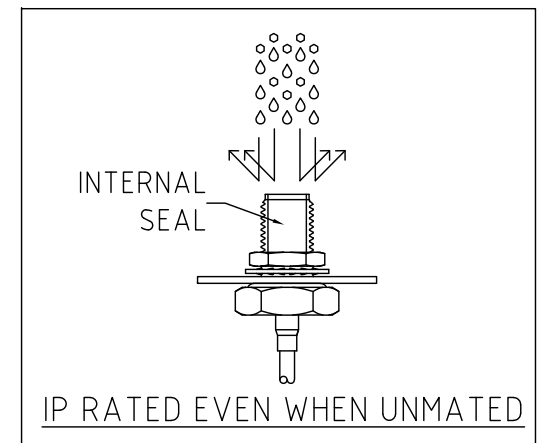
"L" LENGTH IN MM:
eg: 100MM = 0100
(MIN. 0050-MAX.2000
STANDARD = 0100, 0150, 0200)
Tolerance: 50mm: ±2mm.
          51-200mm: ±5mm.
          201-500mm: ±7mm.
          501-999mm: ±10mm.
          ≥1000mm: ± (Lx0.02)mm.

CABLE SIZE OPTIONS:
1 = RG178 CABLE, COLOR: BROWN.
2 = Ø1.48MM CABLE, COLOR: BLACK.

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

Ø6.5 min. — 6.0 min.

RECOMMENDED SMA MOUNTING HOLE

INTERNAL SEAL

IP RATED EVEN WHEN UNMATED