

CABLE 234 RF: RP SMA STRAIGHT PLUG + RP SMA STRAIGHT BULKHEAD JACK W/O-RING RATED TO IP67/68 + MULTIPLE CABLE SIZES

SPECIFICATIONS :

1. RP SMA STRAIGHT PLUG, P/N:
FOR RG178 CABLE: RFCT-SMA017-M78.
FOR ϕ 1.13MM CABLE: RFCT-SMA042-M13.
2. COAXIAL CABLE, SEE P/N FOR DETAIL.
3. RP SMA STRAIGHT BULKHEAD JACK W/O-RING RATED TO IP67/68, P/N: RFCT-SMA008-F78.

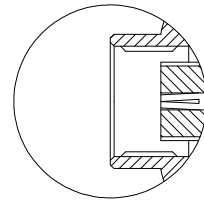
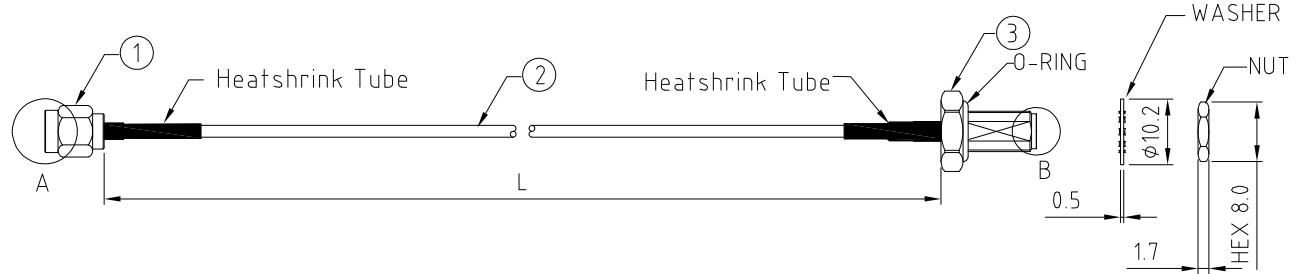
USAGE PRECAUTIONS: CABLES USING 'MICRO' COAX ARE DELICATE:
 (i) HANDLE WITH CARE.
 (ii) DO NOT TWIST; APPLY EXCESSIVE FORCES OR SHARP BENDS TO THE CABLE. DO NOT FORCEFULLY DEFORM WIRES.
 (iii) CONSULT CONNECTOR MANUFACTURER'S DATASHEETS FOR DETAILED NOTES ON HANDLING INSTRUCTIONS.

ENVIRONMENTAL:

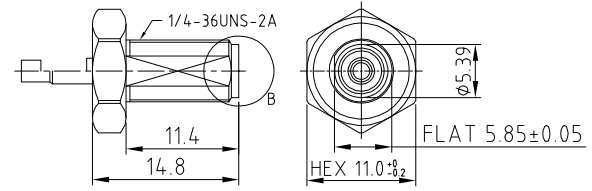
- A. BULKHEAD MOUNTED CONNECTOR (RFCT-SMA008-F78) TESTED TO THE FOLLOWING SPECIFICATION:
- i. IP6X - DUST TIGHT - NO PARTICLE INGRESS.
 - ii. IPX7 WATERPROOF FOR 30 MINUTES UP TO 1 METER UNDERWATER.
 - iii. IPX8 WATERPROOF FOR 48 HOURS AT 1 METER UNDERWATER.
 - iv. IPX8 WATERPROOF FOR 12 HOURS AT 5 METERS UNDERWATER.
 - v. PRESSURE TEST - 1 BAR FOR 10 SECONDS.

NOTES:NOTES:

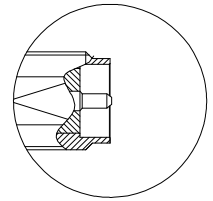
1. WORKING FREQUENCY RANGE: DC-3GHz.



DETAIL A



SMA JACK DETAIL DRAWING



DETAIL B

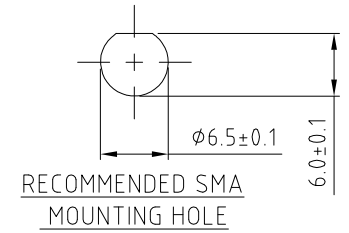
HOW TO ORDER

CABLE 234 RF - X X X X - X - X

"L" LENGTH IN MM:
 eg: 100MM = 0100
 (MIN. 0050-MAX.2000)
 STANDARD = 0100, 0150, 0200)
 Tolerance: <50mm: ± 2 mm.
 51-200mm: ± 5 mm.
 201-500mm: ± 7 mm.
 >501mm: ± 10 mm.

CABLE SIZE OPTIONS:
 1 = RG178 CABLE, COLOR: BROWN.
 2 = ϕ 1.13MM CABLE, COLOR: GRAY.

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



RECOMMENDED SMA MOUNTING HOLE

REV. DATE & DRN
 10 26/05/16 - RJH/RELEASE
 11 20/02/17 - NYW
 ADD 1'S CABLE OPTION
 12 28/07/18 - NYW
 ADD SMA JACK DETAIL DRAWING

Scale: NTS	THIRD ANGLE	Unstated X XX XXX ANGLES	Tolerances: N/A N/A N/A N/A
Drawn: RJH			
App'd: XXX	Title CABLE ASSEMBLY		
Date: 28 NOV. '18	Revision: 12	Unit: mm	

NAUTILUS
 IP67/68 Rated Cables

GRADCONN
 www.gradconn.com

Type: Cable 234 RF
CABLE 234 RF
Drawing Number:
Sheet 1 of 1
Drawing © E and OE