CUSTOMER PRODUCT SPECIFICATION SHEET

RoHS Compliant

RFCT-SMA101-F78: RP SMA S/T BULKHEAD JACK WITH O-RING RATED TO IP67/68, FOR 0.81/1.13/1.32/1.37/RG178 CABLES, WITH STAINLESS STEEL BODY, 3GHz
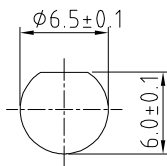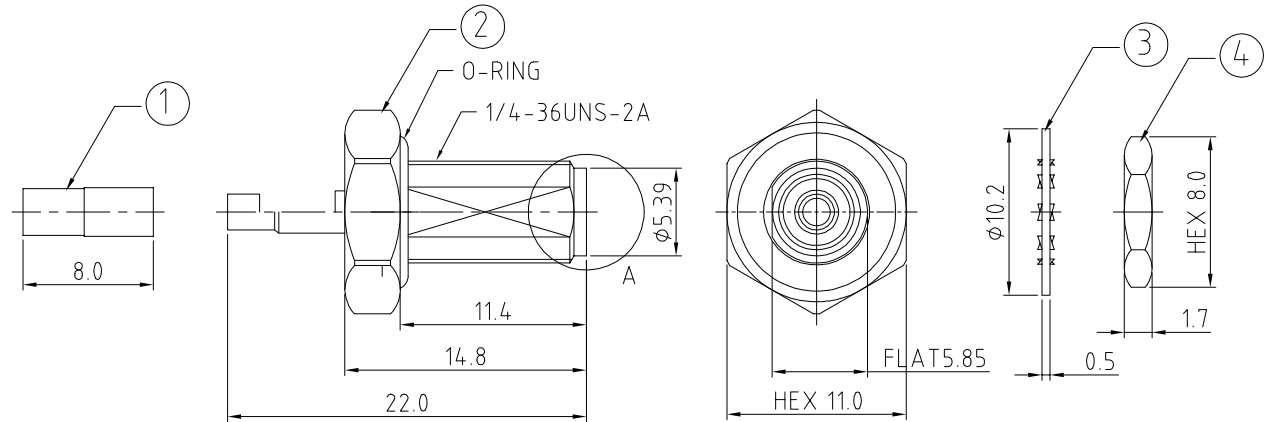
Material and Plating:
1. Ferrule: Brass, Gold Plated.
2. Barrel: Brass, Gold Plated.
   Gasket: Silicone, Color: Red.
   Pin: Brass, Gold Plated.
   Insulator: Teflon.
   Body: SUS303, Passivation.
   O-ring: Silicone, Color: Red. Or EPDM, Color: Black.
3. Washer: SUS304.
4. Nut: SUS303, Passivation.

Environmental:
A. Rated to:
   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. Please use the recommended torque forces for stainless connectors. This is published on Gradconn.com resources page.

PRELIMINARY DRAWING

RECOMMENDED SMA MOUNTING HOLE
MAX. PANEL THICKNESS: 2.2MM

$\phi 6.5 \pm 0.1$
6.0 ± 0.1

O-RING
1/4-36UNS-2A
$\phi 5.39$
11.4
14.8
22.0
A

HEX 11.0
FLAT 5.85

$\phi 10.2$
HEX 8.0
1.7
0.5

HOW TO ORDER

RFCT-SMA101-F78 - X

O-RING MATERIAL OPTIONS:
BLANK = SILICON, COLOR: RED (STANDARD)
1 = EPDM, COLOR: BLACK

REV. DATE & DRN		
10 21/03/22 – NYW RELEASE		
11 21/12/22 – NYW ADD NOTE 1		
12 23/02/23 – NYW AMEND IP RATING.		

Scale:	NTS	THIRD ANGLE
Drawn:	NYW	
App'd:	XXX	Title SMA BULKHEAD JACK
Date: 23 FEB. '23	Revision: 1.2	Unit: mm

Unstated Tolerances:
.X N/A
.XX N/A
.XXX N/A
ANGLES N/A

nautilus
IP67/68 Rated Cables

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Type: RFCT-SMA101-F78
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Drawing Number:
Sheet 1 of 1
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