

RFPC-SMA16-FN: SMA Straight Bulkhead Jack With O-ring, PCB Connector, Rated to IP67/68, 3GHz

Material and Plating:

- Insulator A: Teflon
- Insulator B: Teflon
- Body: Brass, Gold Plated
- Pin: Phosphor Bronze, Gold Plated
- Gasket: Silicon, Color: Red
- O-Ring: Silicone, Color: Red

Washer: Brass, Gold Plated

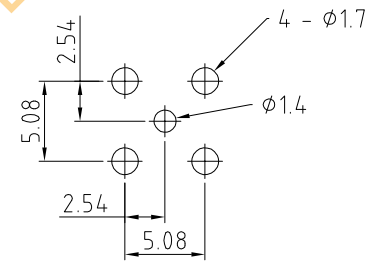
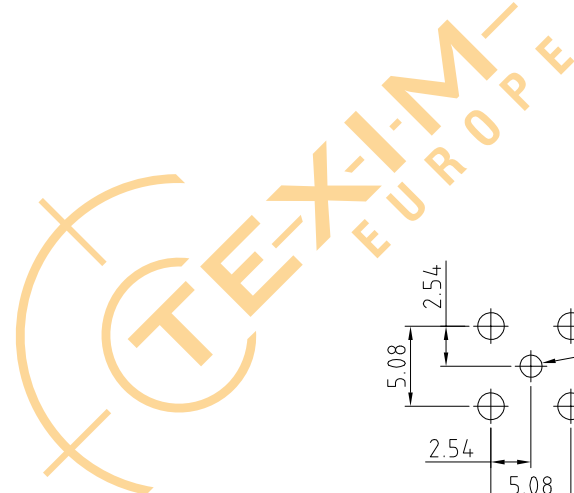
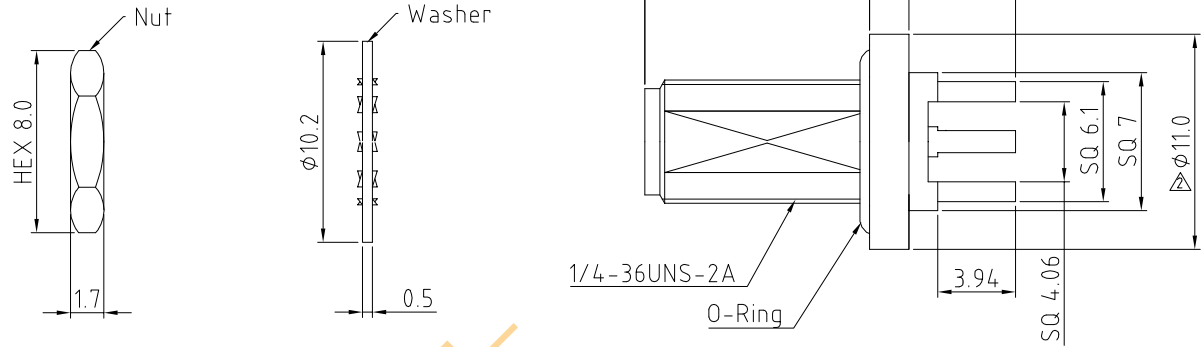
Nut: Brass, Gold Plated

Environmental:

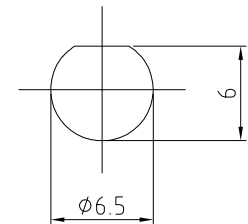
- A. Tested to:
 - i. IP6x - Dust tight - no particle ingress.
 - ii. IPx7 Waterproof for 30 minutes up to 1 meter underwater.
 - iii. IPx8 Waterproof for 48 hours at 1 meter underwater.

Notes:

1. Packaging Type: Tray.
2. Working Frequency Range: DC-3GHz.
3. Operating Temperature: -55°C~+155°C
4. The waterproof sealing function will work once the sealing o-ring is completely pressed and fitted to the device's panel.
5. Impedance: 50 ohm.



Recommended PCB Hole Layout



Recommended Mounting Hole

HOW TO ORDER

RFPC - SMA16 - FN - X

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

Distributed by: **Texim Europe**

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REV. DATE & DRN	11 30/07/18 - NYW RELEASE
12 11/08/18 - NYW AMEND PIN MATERIAL	
13 22/12/18 - NYW AMEND DIMENSION	
14 18/02/19 - NYW ADD WASHER & NUT OPTIONS	
15 25/02/22 - NYW ADD OPERATING TEMP.	
16 14/02/23 - NYW ADD NOTE 4, ADD IMPEDANCE	

Scale: NTS	THIRD ANGLE	Unstated: X, XX, XXX	Tolerances: N/A, N/A, N/A, N/A
Drawn: NYW		ANGLES	
App'd: XXX	Title SMA PCB Connector		
Date: 14 FEB '23	Revision: 16	Unit: mm	

IP67/68 Rated Cables

www.gradconn.com

Type: RFPC-SMA16-FN
RFPC-SMA16-FN
Drawing Number:
Sheet 1 of 1
Drawing © E and O E

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Parameters provided in datasheets and / or specifications may vary in different applications and performance may vary over time.

All operating parameters, including typical parameters, must be validated for each customer application by the customer's technical experts.

Please contact us if you have any questions about the contents of the datasheet.

This may not be the latest version of the datasheet. Please check with us if a later version is available.



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