

RFPC-SMA14-FN: SMA Right Angle Bulkhead Jack With O-ring, PCB Connector, Rated to IP67/68, 6GHz

Material and Plating:

- Insulator A: Teflon
- Insulator B: Teflon
- Insulator C: Teflon
- Body A: Brass, Gold Plated
- Body B: Brass, Gold Plated
- Pin A: Be Cu, Gold Plated
- Pin B: Brass, Gold Plated
- Gasket: Silicon, Color: Red
- O-Ring: Silicone, Color: Red
- Cap: Brass, Gold Plated

Washer: Brass, Gold Plated

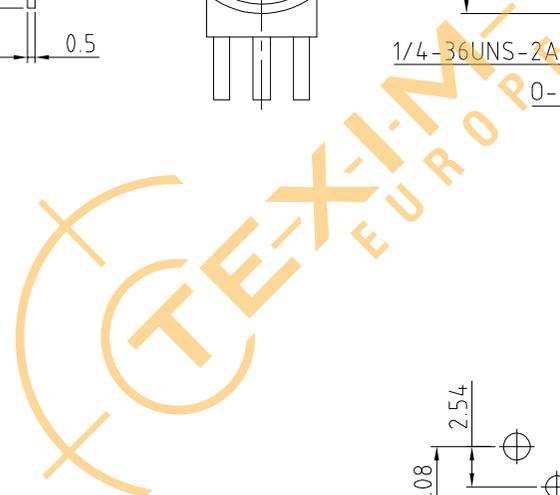
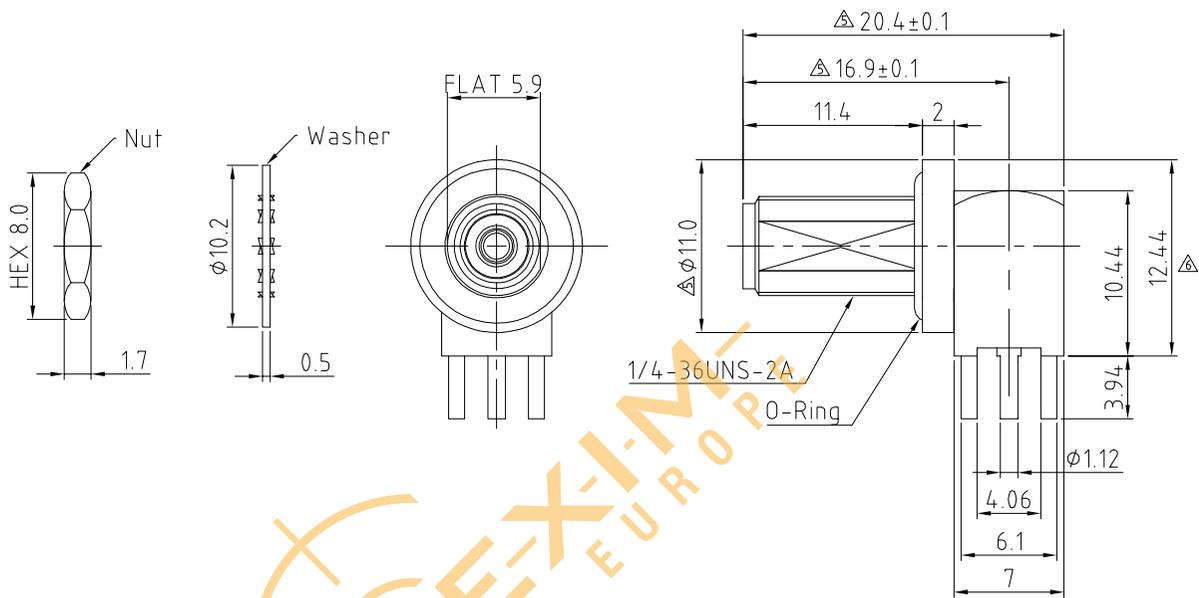
Nut: Brass, Gold Plated

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:

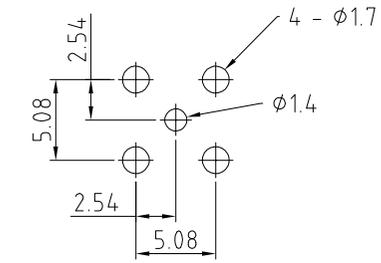
1. Packaging Type: 160pcs/Tray.
2. Working Frequency Range: DC-6GHz.
3. Operating Temperature: -65°C~+165°C.
4. Impedance: 50 ohm.



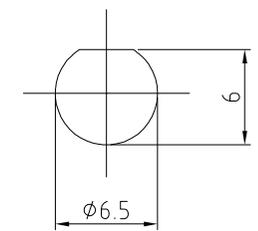
HOW TO ORDER

RFPC - SMA14 - FN - X

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



Recommended PCB Hole Layout



Recommended Mounting Hole

Distributed by:



Distributed by: **Texim Europe**

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REV. DATE & DRN	10/06/17/17 - NYW RELEASE
11	27/11/17 - NYW ADD ENVIRONMENTAL INFO.
12	07/02/18 - NYW RELEASE OFFICIAL DRAWING.
13	18/02/19 - NYW ADD WASHER & NUT OPTIONS.
14	24/05/19 - NYW ADD OPERATING TEMP.
15	25/11/19 - NYW ADD UNSTATED TOLERANCE.
16	13/01/23 - NYW ADD TOLERANCE TO DIMENSIONS.
17	14/02/23 - NYW ADD DIMENSION.
18	07/09/23 - NYW ADD IMPEDANCE.
	UPDATE FREQUENCY & TEMP.

Scale: NTS	THIRD ANGLE	Unstated X ±0.20 XX ±0.20 XXX ±0.20 ANGLES ±2°
Drawn: NYW		
App'd: XXX	Title SMA PCB Connector	
Date: 7 SEP. '23	Revision: 18	Unit: mm

IP67/68 Rated Cables

[www.gradconn.com](http://www.gradconn.com)

Type: RFPC-SMA14-FN
RFPC-SMA14-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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