CUSTOMER PRODUCT SPECIFICATION SHEET



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

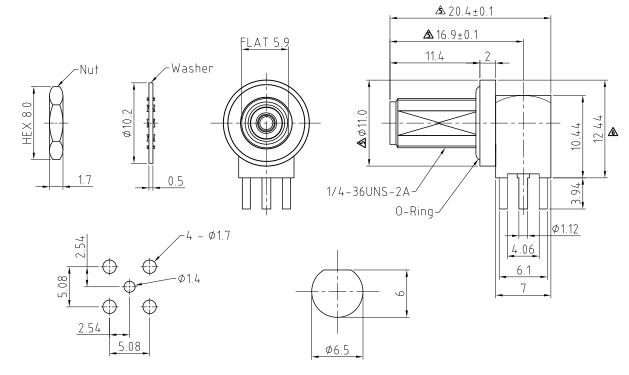
Environmental:

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.



Recommended PCB Hole Layout

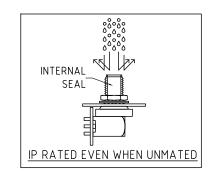
Recommended Mounting Hole Applicable Panel Thickness: Min. 0.7mm ~ Max. 3.2mm

HOW TO ORDER

RFPC - SMA14 - FN - X

WASHER AND NUT OPTIONS: BLANK = SEPARATELY PACKED (STANDARD)

A = ALL ASSEMBLED WITH CONNECTOR



REV. DATE & DRN	1.0 06/11/17 - NYW RELEASE	27/11/17 - NYW ADD ENVIRONMENTAL INFO.	25/01/"18 - RELEASE OFF	18/02/" (DD WAS	24/05/'19 - N) (DD OPERATING	25/11/"19 - NYW ADD UNSTATED TOLERANCE.	AMEND DIMENSION. ADD TOLERANCE TO DIMENSIONS.	01/"23 - DIMENS	1.7 14/02/'23 - NYW ADD IMPEDANCE.	. =	1 20/03/"24 - NYW ADD PANEL THICKNESS.	2.0 31/03/724 - CC ADD IP RATING VIEW	
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Scale:	NTS	THIRD ANGLE		Unstated .X .XX	Tolerances: ±0.20 ±0.20	
Drawn:	NYW	$\Rightarrow \Phi$	_	.XXX ANGLES	±0.20 ±2°	
App'd:	xxx	Title SMA PCB Connector				
Date: 31 MAR. '24		Revision: 2.0		Unit: mm		





Type: RFPC-SMA14-FN RFPC-SMA14-FN

Drawing Number:

Sheet 1 of 1 Drawing (C) E and 0 E

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

GCT:

RFPC-SMA14-FN-A RFPC-SMA14-FN