CUSTOMER PRODUCT SPECIFICATION SHEET



RFPC-SMA15-FN: RP 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: Brass, 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

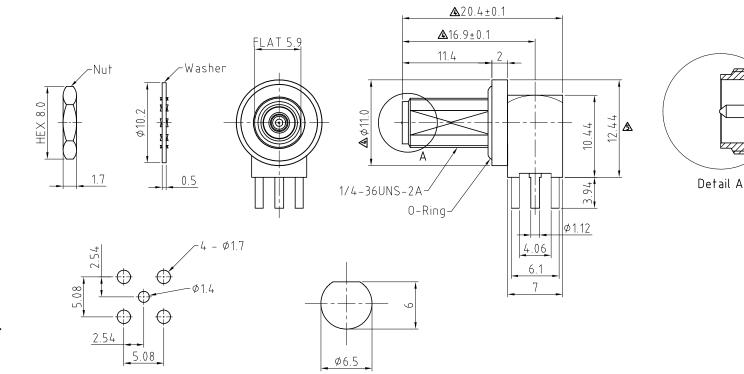
Environmental:

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: 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 - SMA15 - FN - X

WASHER AND NUT OPTIONS:

BLANK = SEPARATELY PACKED (STANDARD) A = ALL ASSEMBLED WITH CONNECTOR

REV. DATE & DRN	1.0 /11/'17 - NYW RELEASE	1.1 25/01/"18 - NYW RELEASE RELEASE OFFICIAL DRAWING.	1.2 18/02/19 - NYW ADD WASHER & NUT OPTIONS.	1.3 27/05/19 - NYW ADD OPERATING TEMP	1.4 25/11/'19 - NYW	A AMEND DIMENSIONS. A ADD TOLERANCE TO DIMENSIONS.	1.5 13/01/'23 - NYW AADD DIMENSION.	1.6 14/02/"23 - NYW ADD IMPEDANCE.	1.7 07/09/"23 - NYW UPDATE FREQUENCY & TEMP	1.8 20/03/"24 - NYW ADD PANEL THICKNESS.	1.9 31/03/'24 - CC ADD IP RATING VIEW	2.0 09/05/'25 - NYW ADD GCT LOGO.	

Scale:	NTS	THIRD ANGLE	Unstated Tolerances: .X ±0.20 .XX ±0.20				
Drawn:	сс	→ ◆	- XXX ±0.20 ANGLES ±2°				
App'd:	xxx	Title SMA PCB Connector					
Date: 9	MAY '25	Revision: 2.0	Unit: mm	H			

IP Rated RF Products



RFPC-SMA15-FN
Drawing Number:

IP RATED EVEN WHEN UNMATED

INTERNAL

Sheet 1 of 1

Drawing (C) E and 0 E

Type: RFPC-SMA15-FN

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