

RFPC-SMA14-FN		CUSTOMER PRODUCT SPECIFICATION SHEET										RoHS Compliant	
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													
Applicable Panel Thickness:													
Min. 0.7mm ~ Max. 3.2mm													
INTERNAL SEAL													
IP RATED EVEN WHEN UNMATED													
REV. DATE & DRN													
10 06/11/17 - NYW RELEASE													
11 27/11/17 - NYW ADD ENVIRONMENTAL INFO.													
12 25/01/18 - 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 UNMATED TOLERANCE.													
16 13/01/23 - NYW ADD DIMENSION.													
17 14/02/23 - NYW ADD IMPEDANCE.													
18 07/09/23 - NYW UPDATE FREQUENCY & TEMP.													
19 20/03/24 - NYW ADD PANEL THICKNESS.													
20 31/03/24 - CC ADD IP RATING VIEW													
Scale: NTS													
Drawn: NYW													
App'd: XXX													
Date: 31 MAR. '24													
Revision: 2.0													
Unit: mm													
THIRD ANGLE													
Unstated Tolerances:													
.X ±0.20													
.XX ±0.20													
.XXX ±0.20													
ANGLES ±2°													
NAUTILUS													
IP Rated RF Products													
www.gradconn.com													
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