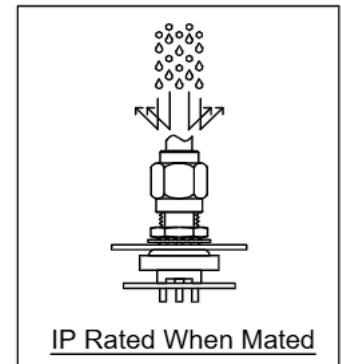
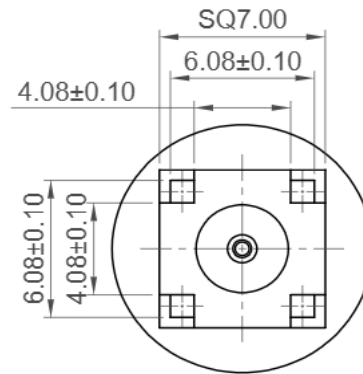
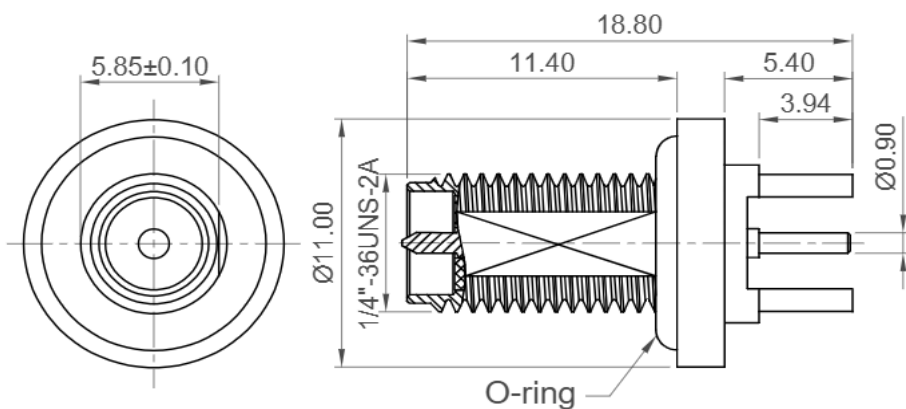




Specifications

Material

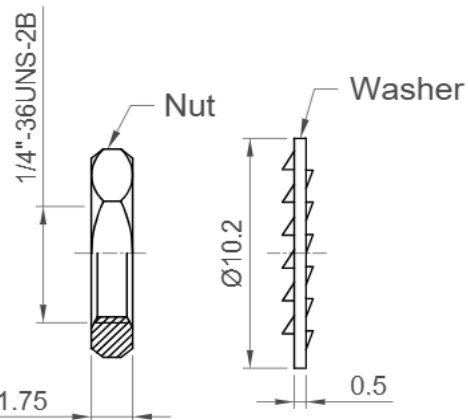
Body: Brass, Nickel Plated.
Pin: Phosphor Bronze, Gold Plated.
Insulator: Teflon, White.
O-ring: Silicone Rubber, Red.
Washer: Brass, Nickel Plated.
Nut: Brass, Nickel Plated.

Electrical

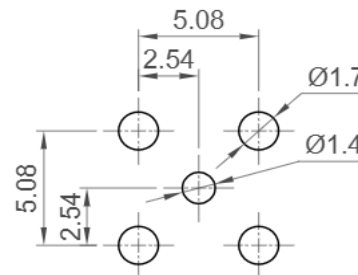
Impedance: 50 Ohm
Working Frequency Range: DC - 6GHz

Mechanical & Environmental

Operating Temperature: - 55 °C to +125°C
Ingress Protection Rating: IP67
IP6x - Dust tight - no particle ingress.
IPx7 Waterproof for 30 minutes up to 1m underwater.
(Requires plug with inner gasket)



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



Recommended Foot Print
Tolerance: ±0.05

Ordering Grid

RFPC - SMA42 - FN - X Request Samples and Quotation

Washer and nut options:
A = All Assembled with Connector (Standard)
Blank = Separately Packed

Part Number		Product Description	
RFPC-SMA42-FN		RP SMA Bulkhead Jack, With O-ring, IP67, PCB Mount, Vertical, 6GHz	
Drawing Date			
20th June 2025			
By	CC	Tolerances (Except as Noted)	Units:
Detail	Drawing Release	Length	Metric (mm)
Revision	A	Angle	± 1°
Date	20/06/25	X.X ± 0.50 X.XX ± 0.20 X.XXX ± 0.10	3rd Angle Projection
		RoHS COMPLIANT 2011/65/EU This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE	
		GCT www.gct.co	
		Not to Scale	Drawn By CC
		Sheet No. 1/1	