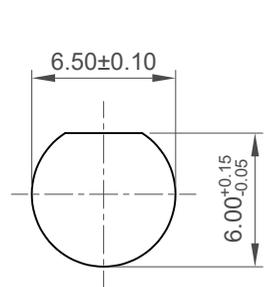
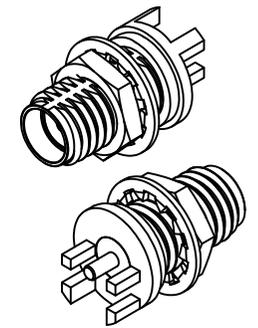
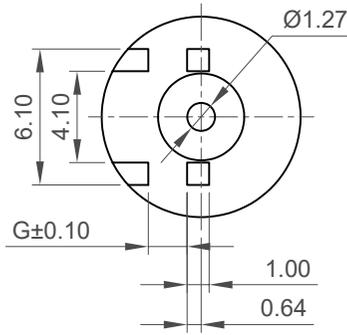
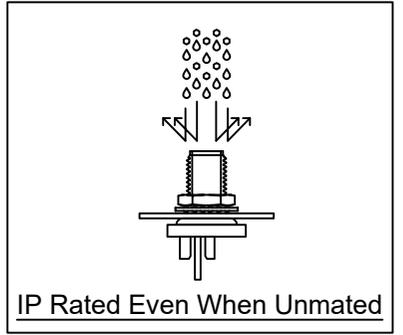
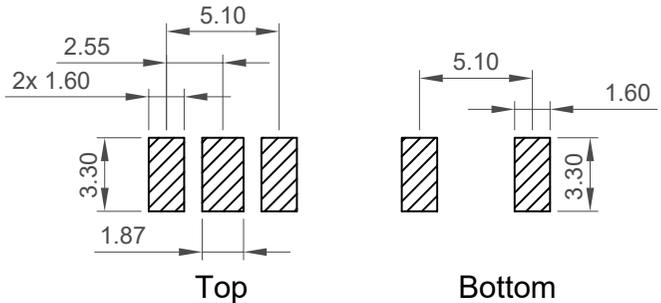


Dimension G	Recommended PCB thickness
0.95	0.80
1.35	1.20
1.75	1.60



Recommended Mounting Hole



Recommended Foot Print
Tolerance: ±0.05

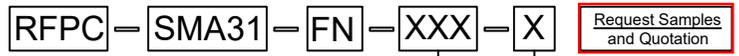
Specifications

- Material**
 Body: Brass, Nickel Plated.
 Pin: Brass, 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.
 Recommended PCB Thickness: 0.80mm/1.20mm/1.60mm.
 Other PCB thickness available on request

Ordering Grid



Dimension G Options:
 095 = 0.95mm, for 0.80mm PCB thickness
 135 = 1.35mm, for 1.20mm PCB thickness
 175 = 1.75mm, for 1.60mm PCB thickness

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

Part Number		Product Description			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
RFPC-SMA31-FN		SMA Bulkhead Jack With O-ring, Edge Mount, IP67, 6GHz			
Drawing Date		17th February 2025			
By	CC	Tolerances (Except as Noted)	Units:		
Detail	Drawing Release	Length	Metric (mm)		
Revision	A1	Angle	± 1°		
Date	07/04/25	X.X ± 0.50 X.XX ± 0.15 X.XXX ± 0.10			
Not to Scale		Drawn By	CC	Sheet No.	1/1

