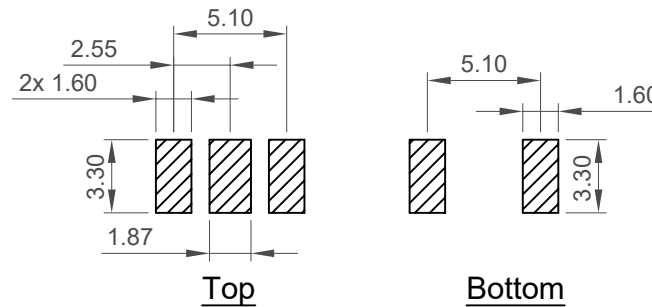
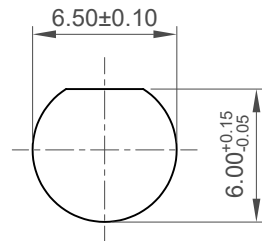
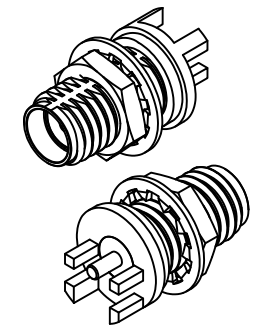
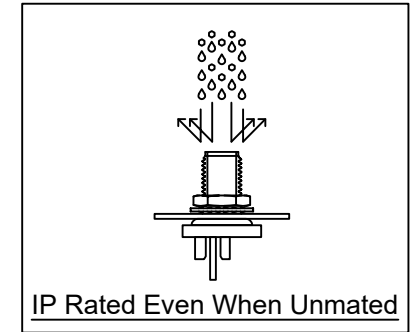
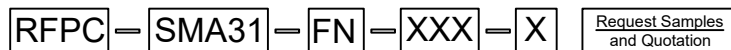




Recommended Mounting Hole

Recommended Foot Print
Tolerance: ± 0.05

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

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

Part Number RFPC-SMA31-FN			Product Description SMA Bulkhead Jack With O-ring, Edge Mount, IP67, 6GHz			 www.gct.co		
Drawing Date 17th February 2025								
By CC	Tolerances (Except as Noted) Length		Units: Metric (mm)		 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			
Detail Drawing Release	X.X ± 0.50 X.XX ± 0.15 X.XXX ± 0.10		 3rd Angle Projection					
Revision A1			± 1°					
Date 07/04/25								

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