

Revisions		
Issue	Date	Note
1	01/12/2025	See GTXPDC/1170

1. Mechanical

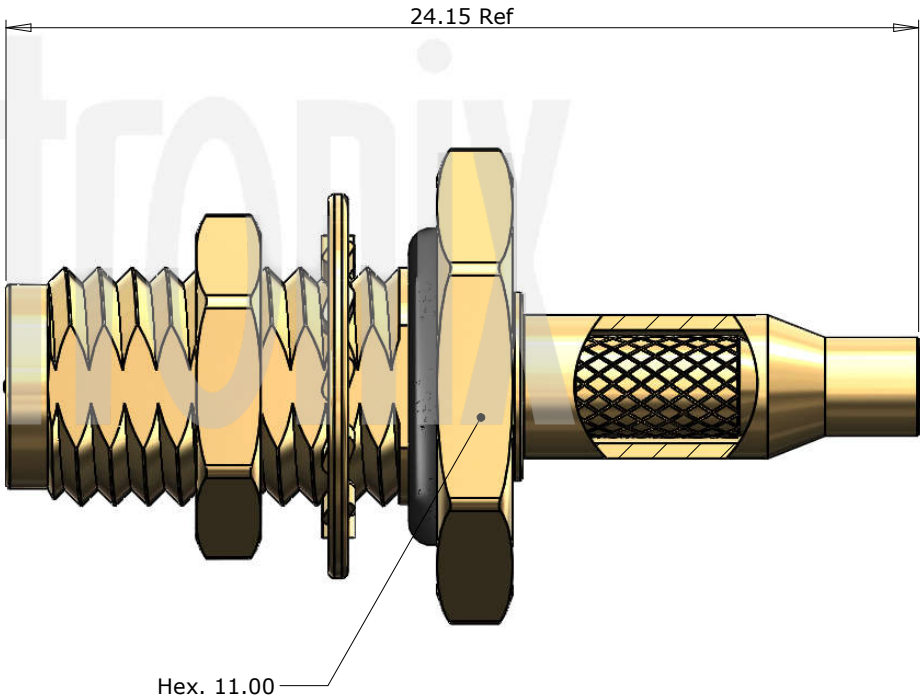
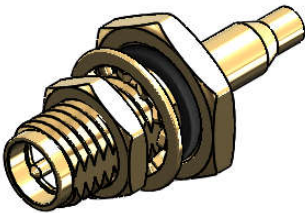
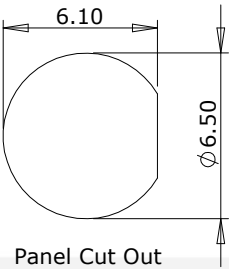
Cable Retention	Equal to breaking strain of cable
Contact Termination	Solder
Durability	500 mating cycles
Fixing Method	Crimp
Lock Nut Torque	0.9 to 1.1Nm / 8-10 in-lbs
Maximum Panel Thickness	2.50mm

2. Environmental

RoHS Compliant	Yes
Temperature Range	-65 to +165 degrees C
IP Rating	IP68 Unmated

3. Electrical

Dielectric Withstanding	750 Volts RMS Maximum
Impedance	50 ohms
Interface Frequency	12.4 GHz
Working Voltage	335 Volts RMS Maximum



10	Tube	Brass	Nickel
9	Insulator	PTFE	White
8	Lock Nut	Brass	Gold
7	Washer	Phosphor Bronze	Gold
6	O Ring	Silicone	Black
5	Ferrule	Brass	Gold
4	Dielectric	PTFE	White
3	Pin	Brass	Gold
2	Integral Pin	Beryllium Copper	Gold
1	Body	Brass	Gold
Description		Material	Finish

Unless otherwise specified tolerances
0.5-5 = ±0.2
>5-30 = ±0.4
>30-120 = ±0.6
>120-315 = ±1.0
>315-1000 = ±1.6
Angles = ±5°
Units = mm

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Author	PJP
Drawn by	PJP
Drawing date	01/12/2025
Checked by	DB
Checked date	03/12/2025
Scale	Not to scale

Part Number	MA02-0113-C01WP-R
Title: SMA Waterproof Reverse Polarity Crimp Bulkhead Jack, IP68, Gold Plated, 11mm Hex Flange, 1.13mm Cable	