

Electrical :
Impedance: 50 Ω
Voltage Rating : ≥500 V rms (Depending on Cable)
Insulator Resistance : ≥5 GΩ
Dielectric Withstanding Voltage : ≥ 1000V rms
Contact resistance : Center Contact ≤ 3mΩ
Outer Contact ≤2 mΩ

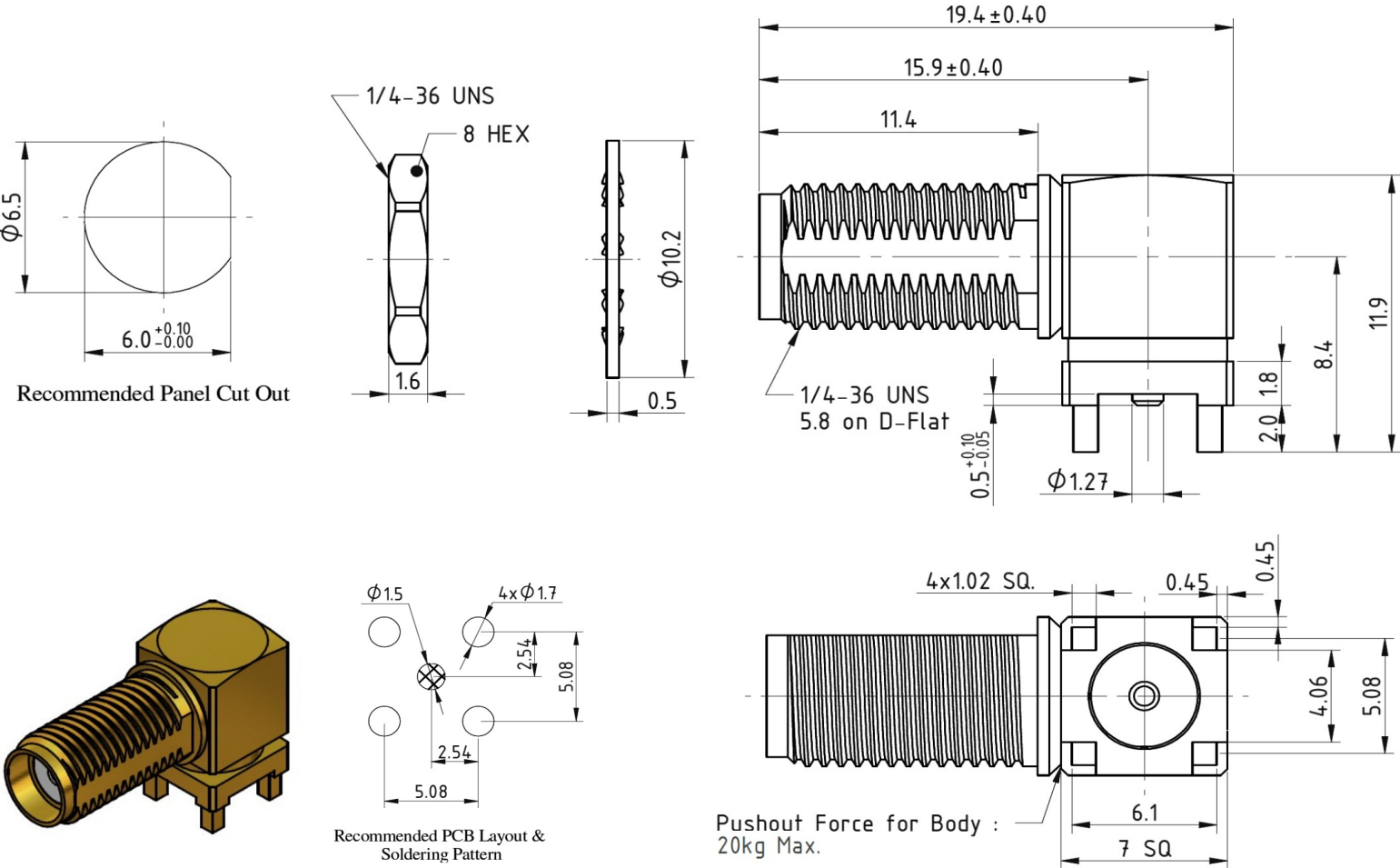
Mechanical :
Mating: 1/4-36 UNS Screw-on Coupling
Force to Engage and Disengage Torque : ≤2in.lbs

Environmental :
TemperatureRange : -65°C to 165°C
Corrosion (Salt Spray) : MIL-STD-202, Method 101, Cond. B
Shock : MIL-STD-202, Method 213, Cond. I
Vibration (HF) : MIL-STD-202, Method 204, Cond. D
Thermal Shock : MIL-STD-202, Method 107, Cond. B

**For Commercial Grade Connector, Please Specify Your
Electrical Parameter as It MAAy Affect the Cost for Higher
Frequency Application.

Finish [Unit of Plating Thickness Is in Micro Inch(μ)]
1. Nickel Plating Thk. : 80 μ" min. (Under Plating)
2. Gold Plating Thk. : 2 μ =" max. (Over Finish 1)

Item	Description	Material	Finish
1	Body	Brass	Finish 1/2
2	Insulator	PTFE	None
3	Inner Contact	P. Bronze	Finish 1/2
4	Lock Washer	Brass	Finish 1/2
5	Nut	Brass	Finish 1/2



REVISION HISTORY				
REV	DESCRIPTION	CHG REF	DATE	DESIGNER
1.0	Origin	-	12/Feb/2025	M. Smith
DO NOT SCALE		Third Angle Projection		
Unit of Measure: millimetres (mm)		Designed by Martin Smith		
RoHS Compliant		X.X - +0.20 X.XX - +0.10 X.XXX - +0.05		
Cambridge Electronic Industries Ltd		Design Right Protected		
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		Part No: ZCS-06-RB20-GGLN		Issue 1.0
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