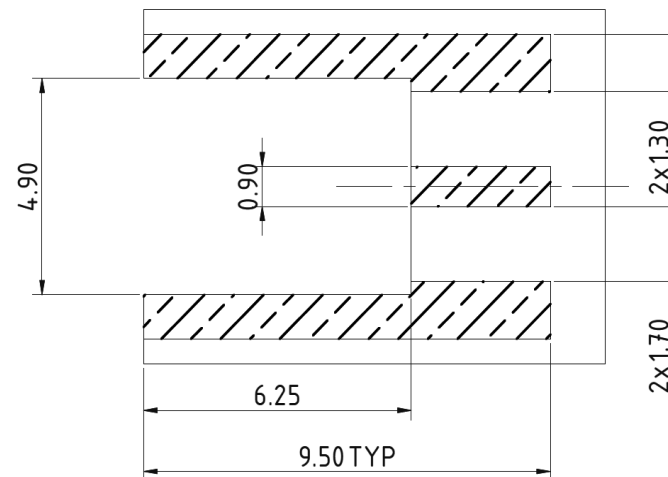
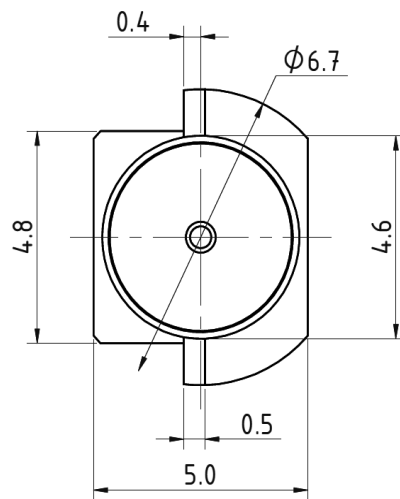
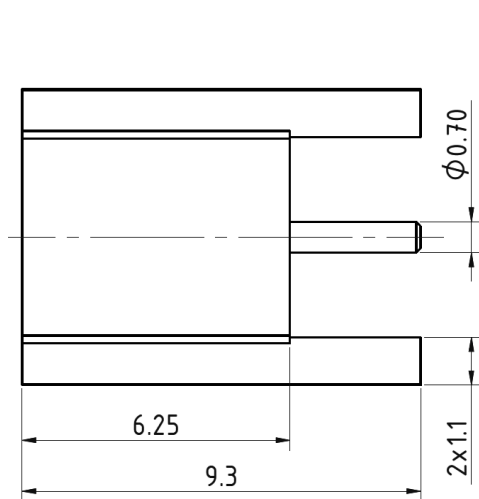


Recommended PCB Soldering Pattern

Electrical :

Impedance : 75 Ohm
Voltage Rating : 335 V rms.
Insulator Resistance : $\geq 1 \text{ G}\Omega$
Dielectric Withstanding Voltage : 750 V rms .
Contact Resistance : Center Contact $\leq 5.0 \text{ m}\Omega$.
Outer Contact $\leq 10.0 \text{ m}\Omega$.

Mechanical :

Mating : Snap-on Coupling.
Connector Durability: ≥ 500 Cycles.
Engagement Force: ≤ 3.4 lbs.
Disengagement Force: 1.4 ~ 3.4 lbs.
Cable Retention Force: ≥ 12.1 lbs.

Environmental :

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

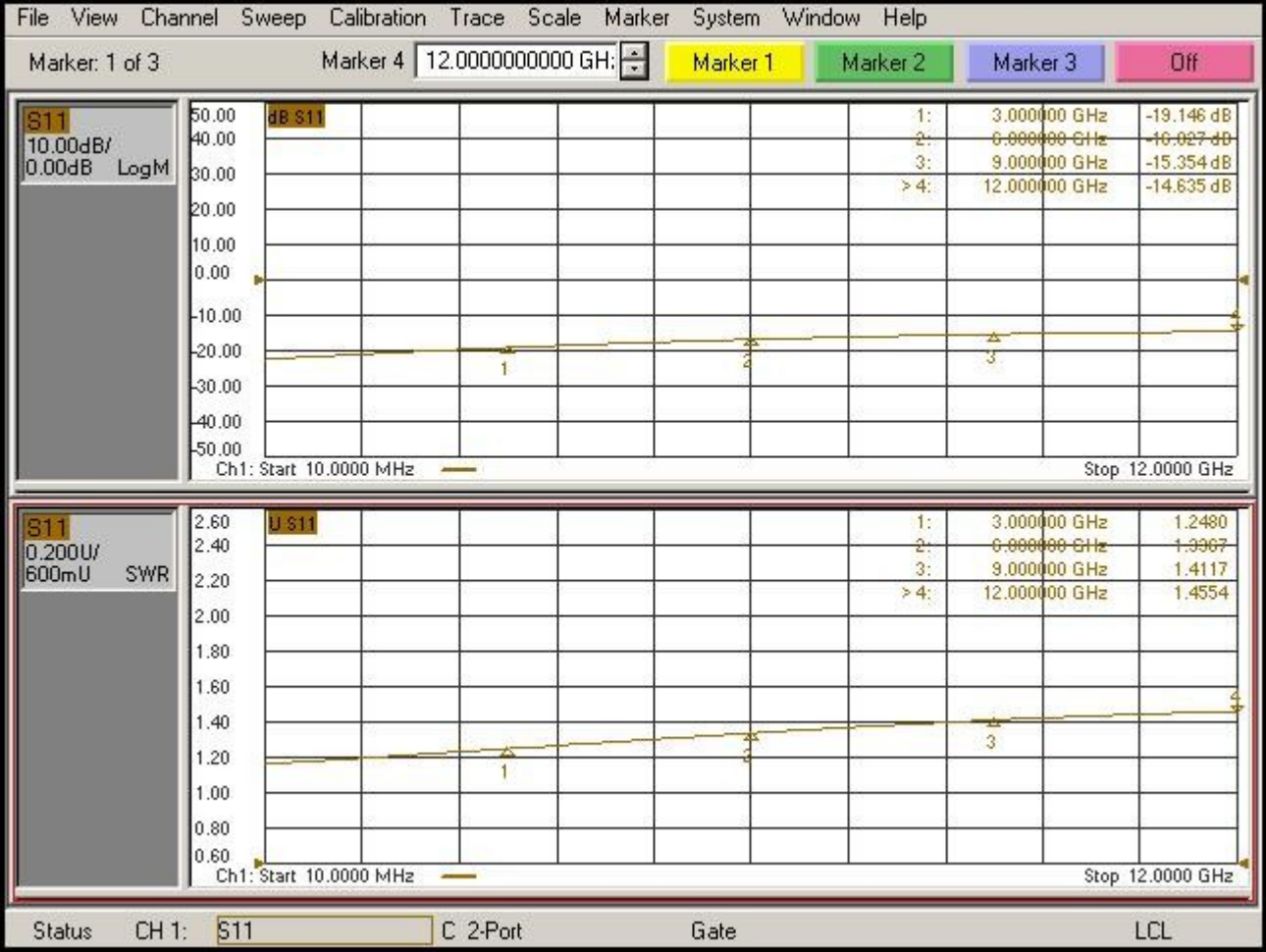
Finish [Unit of Plating Thickness Is in Micro Inch(μ)]

1. Nickel Plating Thk. : 50 μ "min. (Under Plating)
2. Gold Plating Thk. : 10 μ "min. (Over Finish 1)
3. Gold Plating Thk. : 2 μ "max. (Over Finish 1)

3	Inner Contact	BeCu	Finish 1/2
2	Insulator	PTFE	None
1	Body	Brass	Finish 1/3
ITEM	Description	Material	Finish

TITLE	MCX PCB Edge Mount Socket 12GHz
RoHS Compliant	Cambridge Electronic Industries Ltd
	Denny Industrial Centre, Waterbeach, Cambs. CB25 9QR Tel: 01223 860041

1.0	Origin	22/09/20
ISSUE	CHANGE	DATE
Origin		
Drn.	P. Fayers	22/09/20
Chkd.		
Dwg. No.	XJT-A010-GGAY	



TITLE	MCX PCB Edge Mount Socket 12GHz
RoHS Compliant	Cambridge Electronic Industries Ltd Denny Industrial Centre, Waterbeach, Cambs. CB25 9QR Tel: 01223 860041

1.0	Origin	22/09/20
ISSUE	CHANGE	DATE
Origin		
Drn.	P. Fayers	22/09/20
Chkd.		
Dwg. No.	XJT-A010-GGAY	