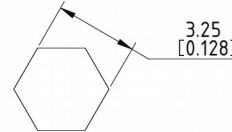


Recommended Cable Stripping Dimensions



Recommended Crimping
Dimensions for Ferrule

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 :

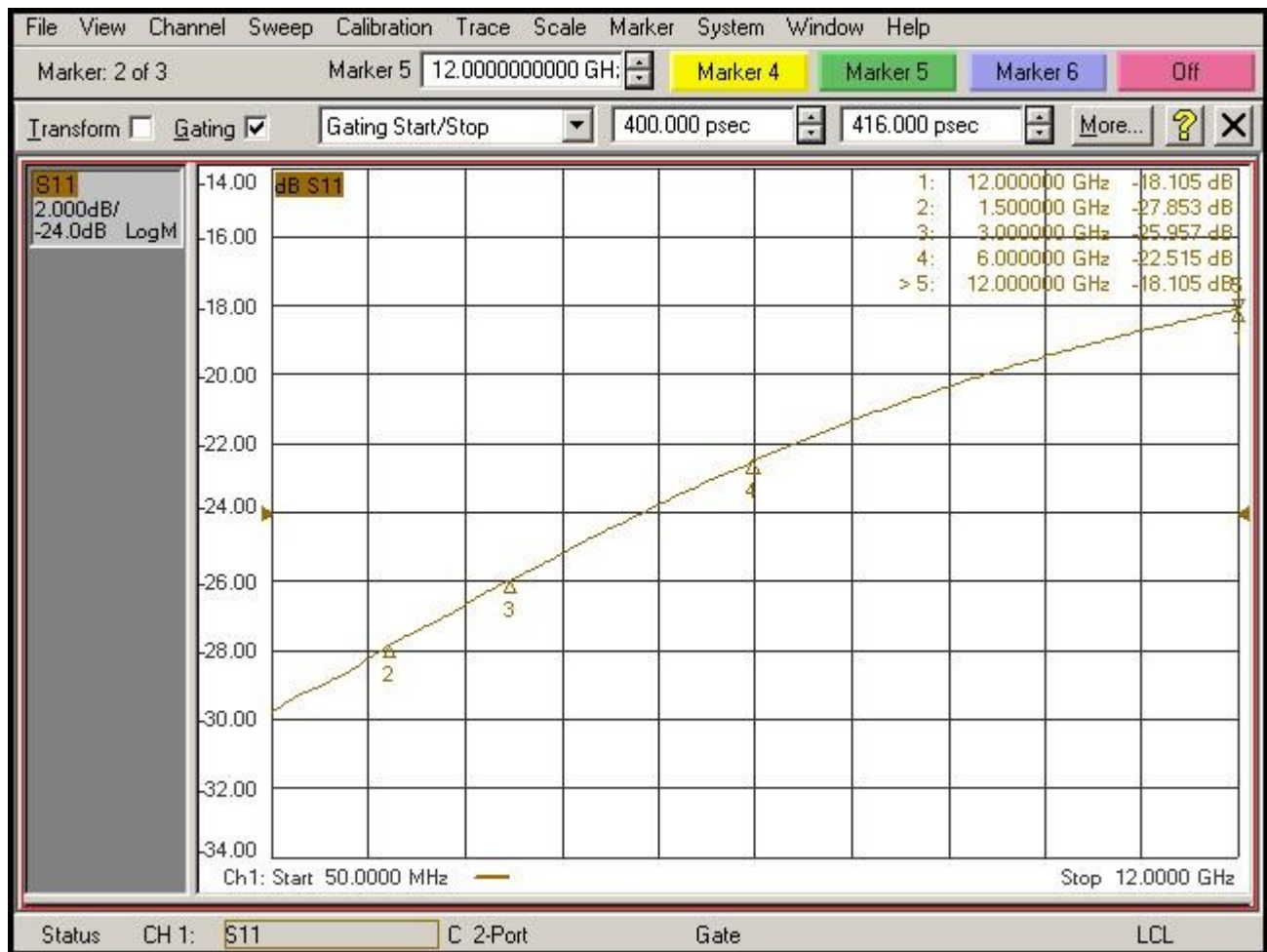
Temperature Range : -65°C to 165°C
Corrosion (Salt Spray) : MIL-STD-202, Method 101, Cond. C
Shock : MIL-STD-202, Method 213, Cond. B
Vibration (HF) : MIL-STD-202, Method 204, Cond. C
Thermal Shock : MIL-STD-202, Method 107, Cond. F

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)

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

TITLE	MCX Straight Cable 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-A009-GGAF	



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