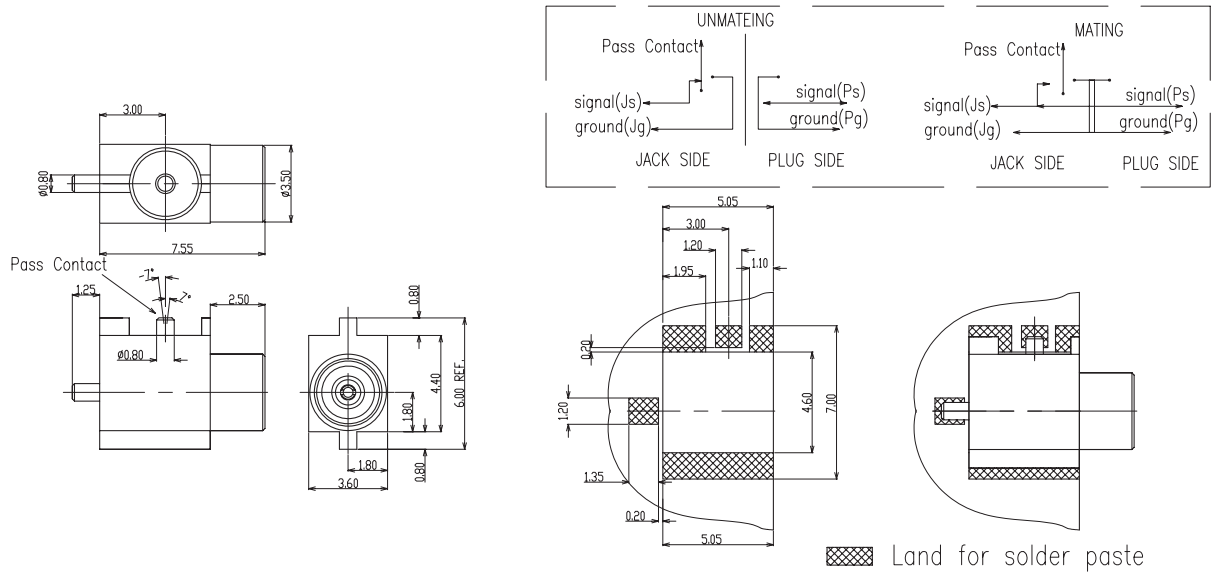


MMCX SWITCH JACK EDGE CARD PCB SMT

P/N C00BJ330007

Structure Figure



Unit: mm

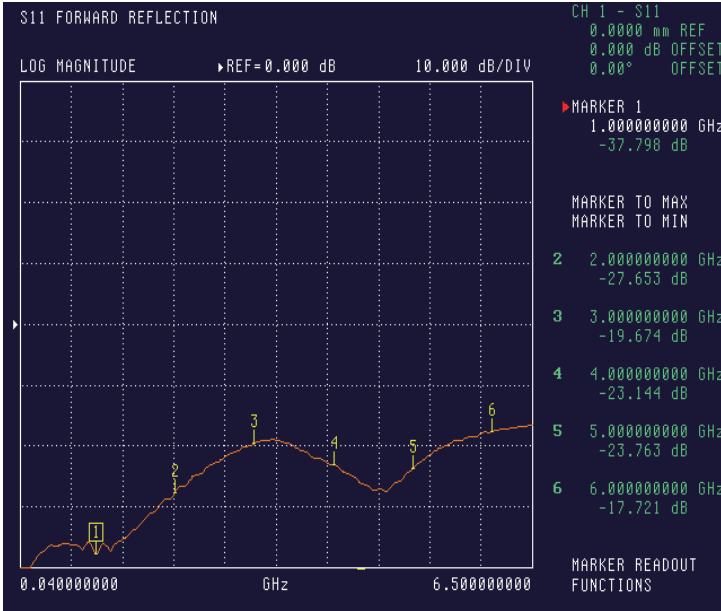
Mechanical

Description	Specification	
Temperature range	-55°C ~ +155 °C	
Coupling method	Snap-on	
Durability (Mating/unmating)	500 Cycles	
Engagement force	6.5 lbs max.	
Disengagement force	1.4 to 6.5 lbs	
Parts	Material	Plating
Body	Brass	Gold
Female conductor	Phosphor Bronze	Gold
Inner pin	Brass	Gold
Inner pass contact	Brass	Gold
Female Insulator	Teflon	None
Rear Insulator	Teflon	None
Inner insulator	Teflon	None
Contact spring	High carbon steel	None

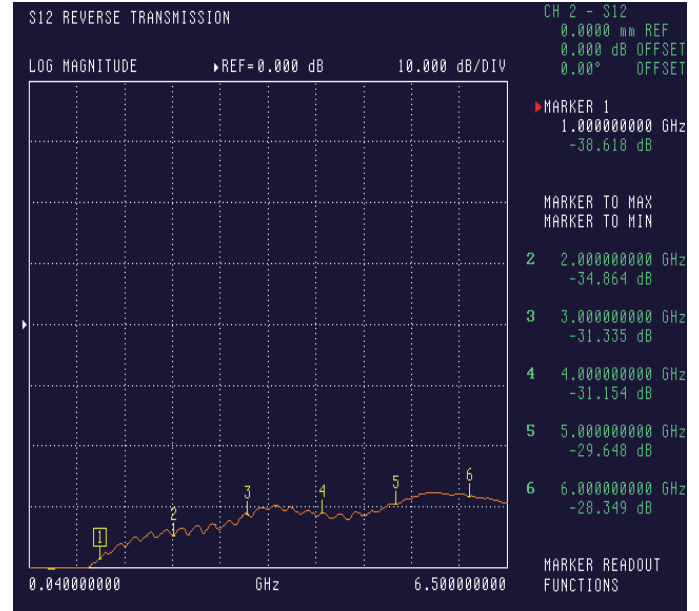
Electrical

Description	Specification
Impedance	50 ohm
Frequency	DC ~6GHz
VSWR	Internal signal DC~6 GHz < 2.2 External signal DC~6 GHz < 1.6
Isolation	DC~6GHz < -28.0 dB
Dielectric withstanding voltage	500Vrms
Center contact resistance	5.0 mini-ohms
Outer contact resistance	2.5 mini-ohms

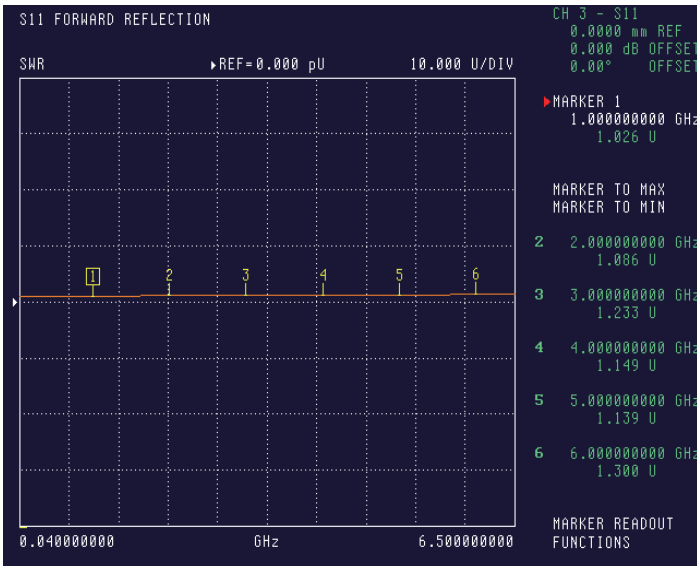
Test report



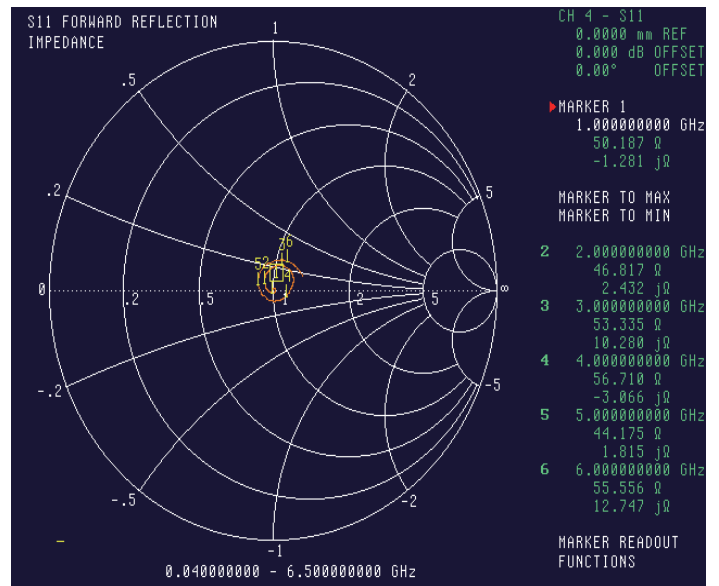
INTERNAL SIGNAL TEST RETURN LOSS



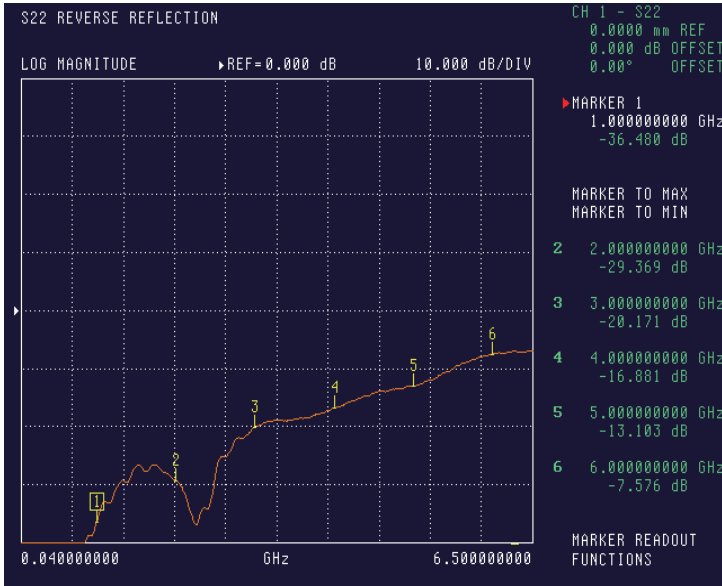
ISOLATION



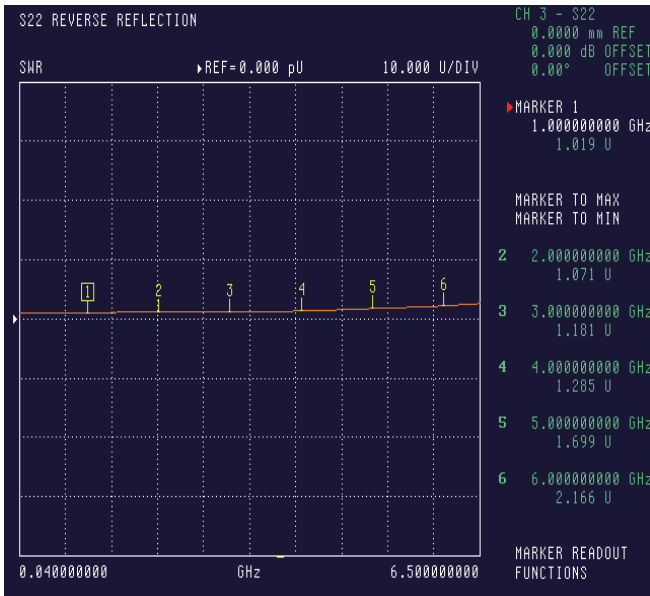
INTERNAL SIGNAL TEST VSWR



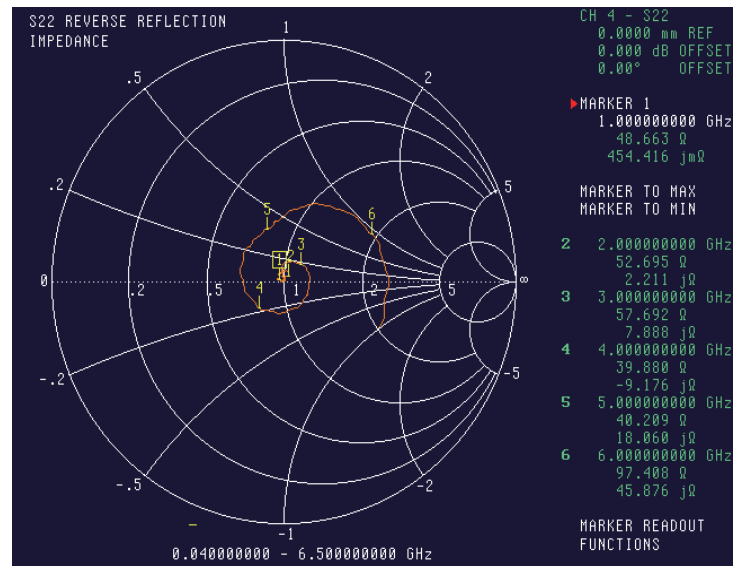
INTERNAL SIGNAL TEST IMPEDANCE



EXTERNAL SIGNAL TEST RETURN LOSS



EXTERNAL SIGNAL TEST VSWR



EXTERNAL SIGNAL TEST IMPEDANCE

	1 GHz	2 GHz	3 GHz	4GHz	5GHz	6GHz
INTERNAL SIGNAL TEST RETURN LOSS	-37.80 dB	-27.65 dB	-19.67 dB	-23.14 dB	-23.76 dB	-17.72 dB
ISOLATION	-38.62 dB	-34.86 dB	-31.34 dB	-31.15 dB	-29.65 dB	-28.35 dB
INTERNAL SIGNAL TEST VSWR	1.03	1.09	1.23	1.15	1.14	1.30
INTERNAL SIGNAL TEST IMPEDANCE	50.19Ω	46.82Ω	53.34Ω	56.71Ω	44.18Ω	55.56Ω
EXTERNAL SIGNAL TEST RETURN LOSS	-36.48 dB	-29.37 dB	-20.17 dB	-16.88 dB	-13.10 dB	
EXTERNAL SIGNAL TEST VSWR	1.02	1.07	1.18	1.29	1.70	
INTERNAL SIGNAL TEST IMPEDANCE	48.66 Ω	52.70 Ω	57.69Ω	39.88Ω	40.21 Ω	