

90° HYBRID

SURFACE MOUNT MODEL: DQS-100-1000

FREQUENCY BANDWIDTH

100 - 1000 MHz

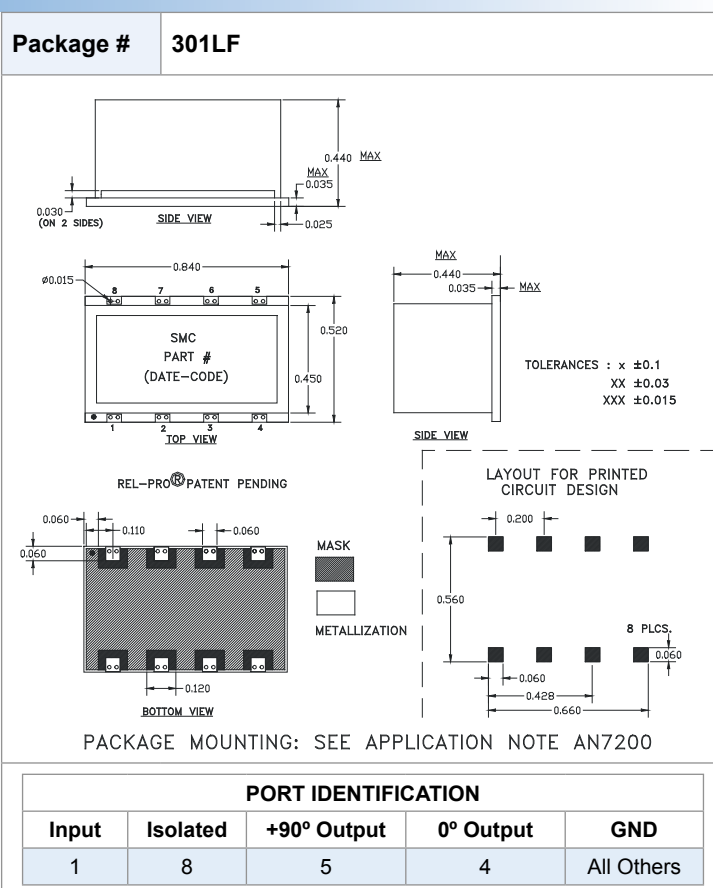
FEATURES:

- ▶ Ultra-Wide Bandwidth (10:1)
- ▶ Small Package Size, Surface Mount
- ▶ RoHS Compliant



SPECIFICATIONS (Rev. A 08/04/06)

Frequency	100 - 1000 MHz	
Insertion Loss (dB)	Typ	Max
	1.7	2.3
Amplitude Unbalance (dB)	Typ	Max
	1.2	1.8
Phase Unbalance (Deg.)	Typ	Max
	± 6	± 10
Isolation (dB)	Typ	Min
	25	16
Power Rating	1 Watt (Max)	
Impedance	50 Ohms (Nom)	
VSWR	1.5:1 (Typ)	
Operating Temperature Range	-20 to +70 °C	



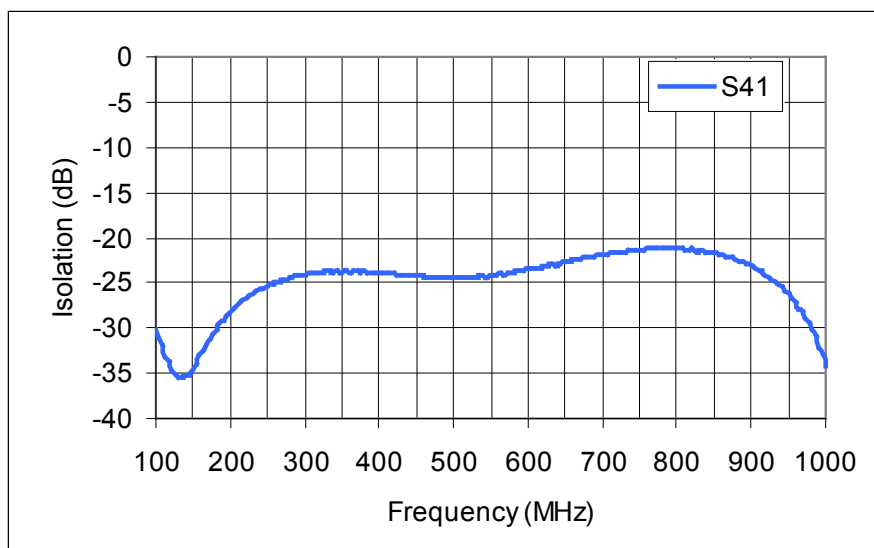
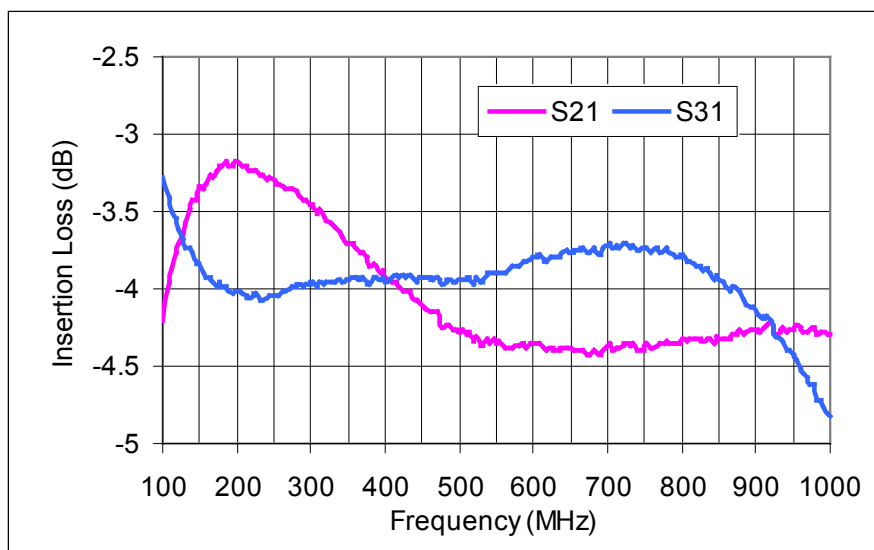
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PERFORMANCE PLOTS



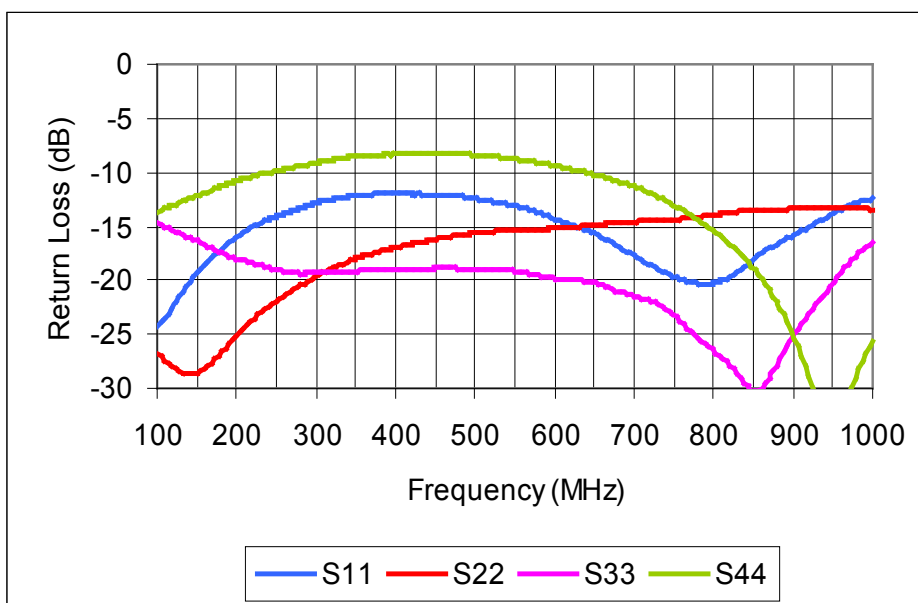
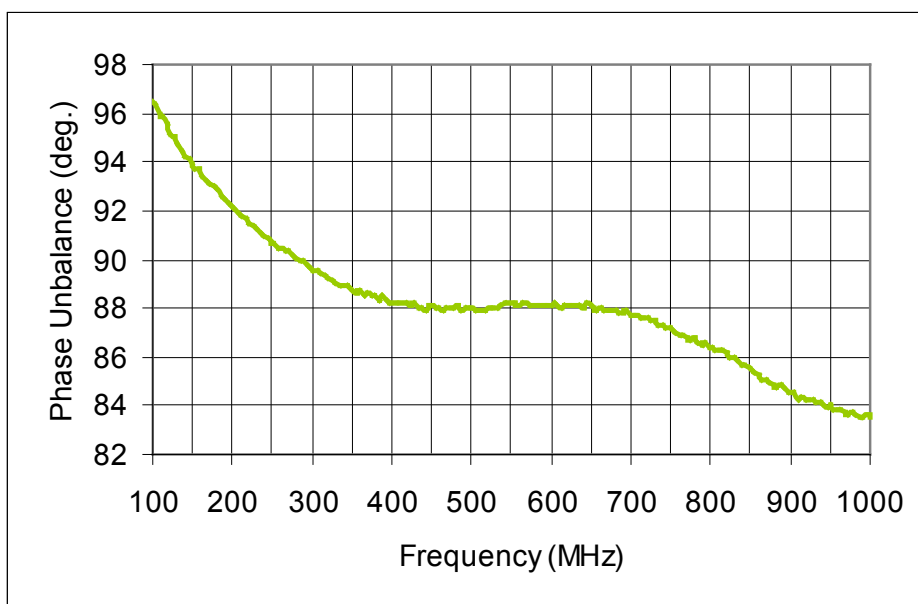
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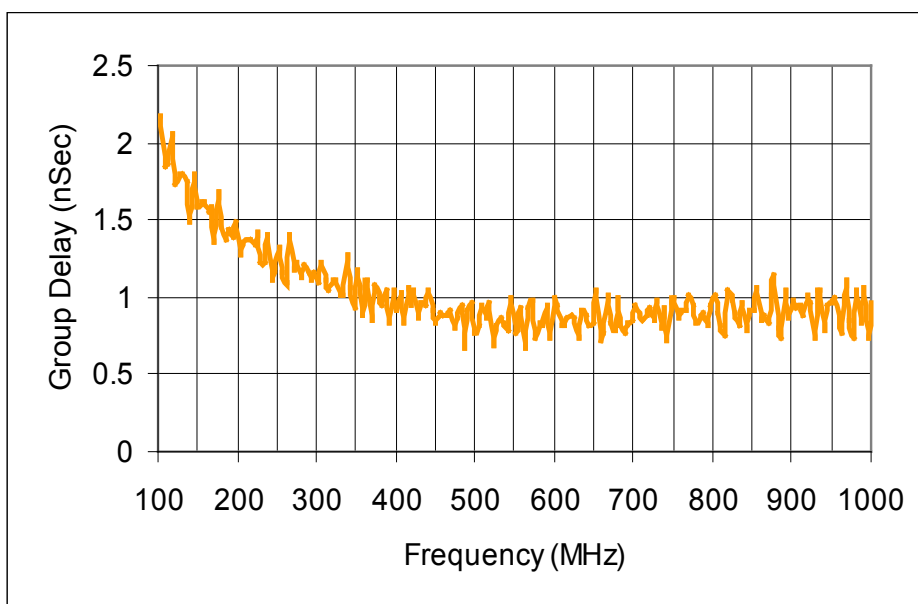


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