90º HYBRID
SURFACE MOUNT MODEL: SLQ-K10

OPTIMIZED BANDWIDTH 500 - 1000 MHz

FEATURES:

- Excellent Performance
- Small Size, Surface Mount
- Building Block For:
  - Power Amplifiers
  - Image Rejection Mixers
  - I & Q / SSB Modulators
  - Phase Shifters & More...

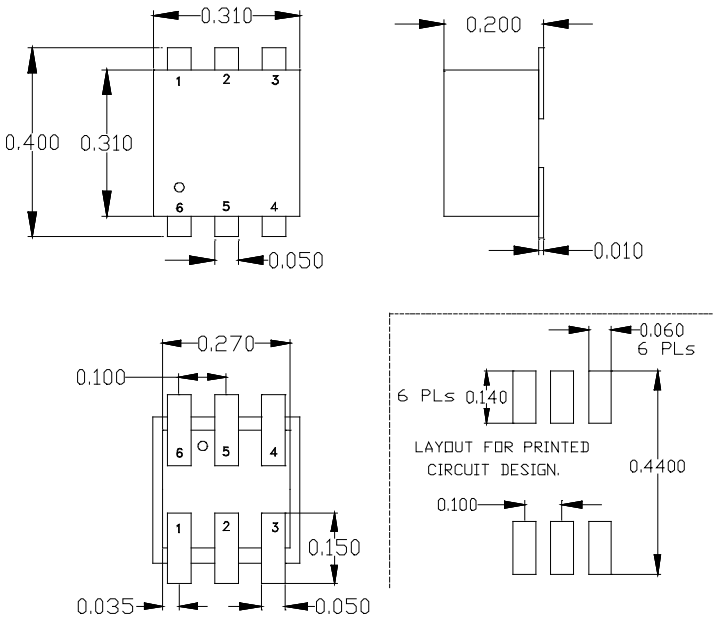


SPECIFICATIONS (Rev. A 11/21/07)

Frequency	500 - 1000 MHz
Insertion Loss (dB) *	Typ. 0.8 / Max. 1.5
Amplitude Unbalance	Typ. 1.3 / Max. 1.6
Phase Unbalance (Deg.)	Typ. 6 / Max. 10
Isolation (dB)	Typ. 15 / Min. 10
Power Rating	1 Watt (Max.)
Impedance	50 Ohms (Nom.)
VSWR	1.8:1 (Typ.)
Operating Temperature Range	-40 to +85 °C
Storage Temperature Range	-55 to +100 °C

** Insertion loss in excess of the theoretical 3 dB coupling.*

Package # 159



Port Configuration				
Input	**Isolated***	**+90º Output**	**0º Output**	**GND.****
6	5	1	2	3,4

** Terminate ISOLATED port in 50 Ohms EXTERNALLY.*
*** Ground Externally*

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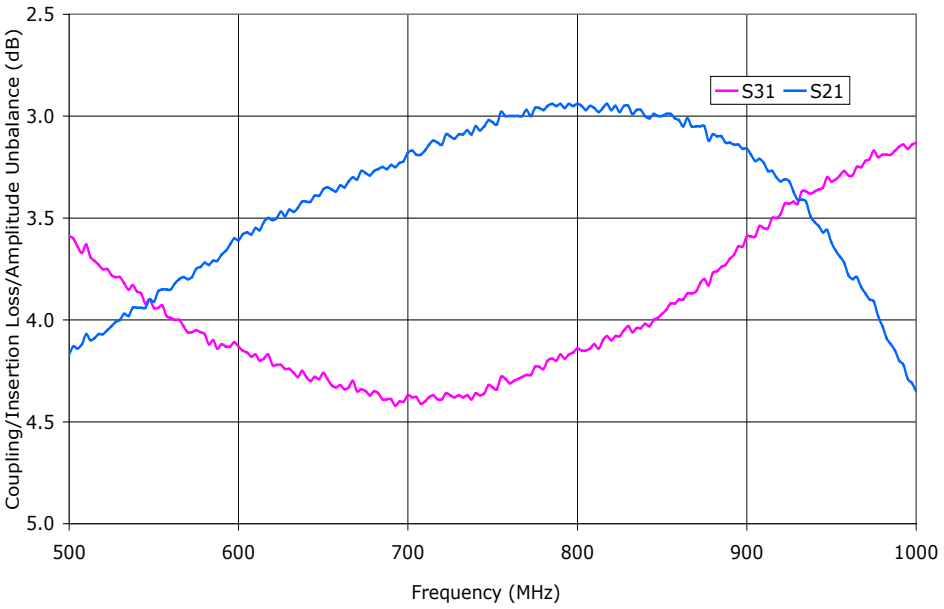
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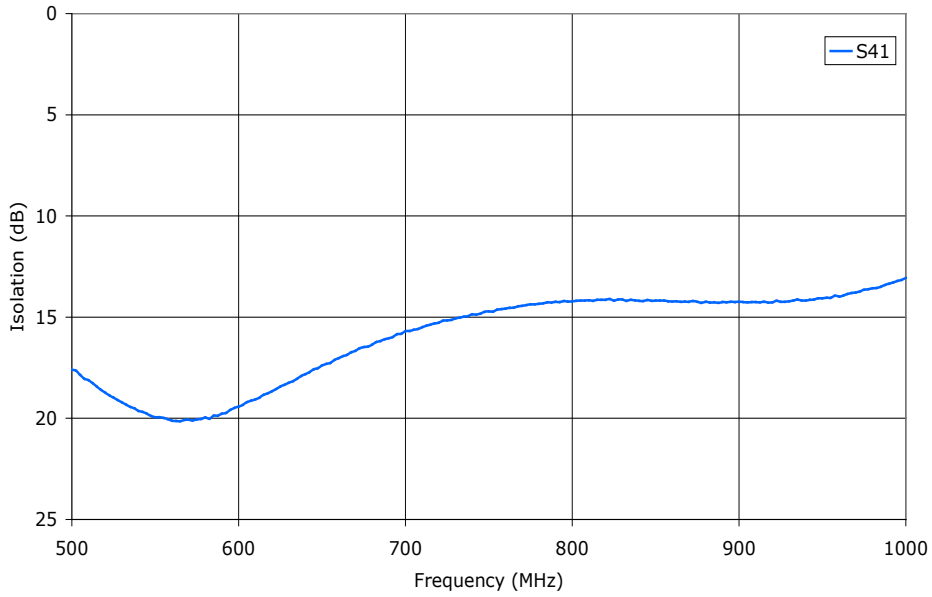
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Data @ 25ºC

PERFORMANCE PLOTS





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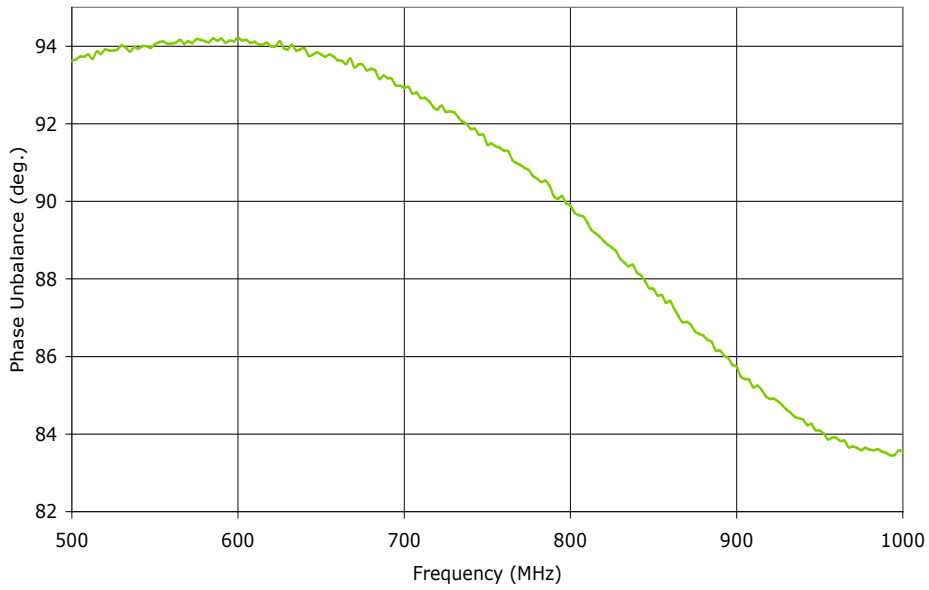
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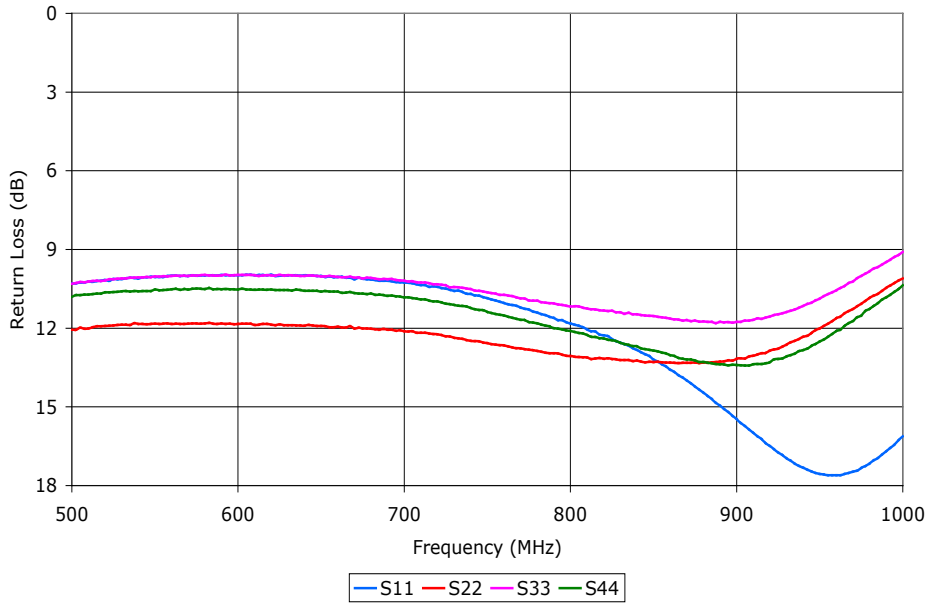
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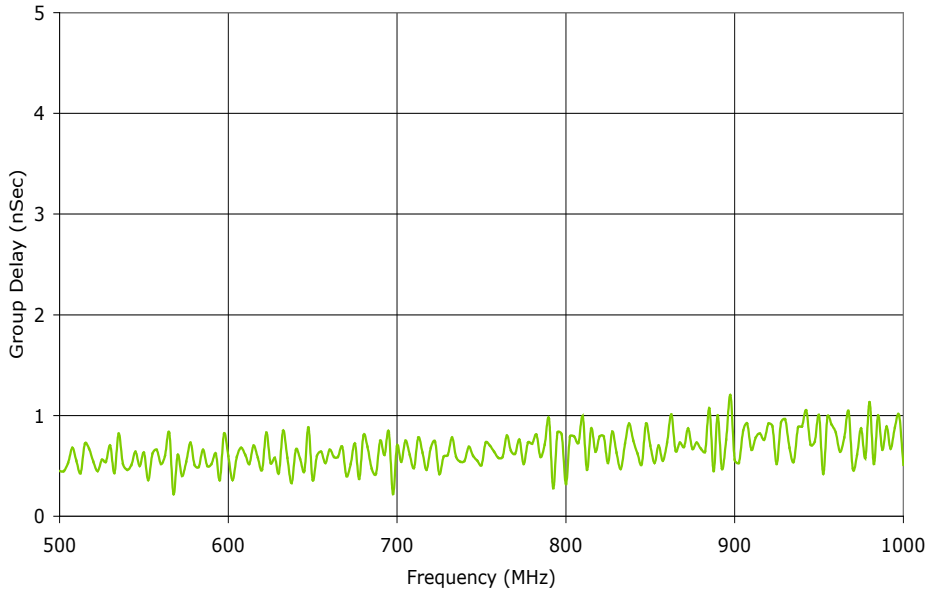
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