

4-WAY POWER DIVIDER

SURFACE MOUNT MODEL: SD-4-1

WIDE BANDWIDTH

5 - 1000 MHz

FEATURES:

- ▶ Excellent Performance
- ▶ Wide Bandwidth
- ▶ Small Size, Surface Mount
- ▶ Moderate Power

Applications:

- ▶ Signal Splitting & Low Power Combining



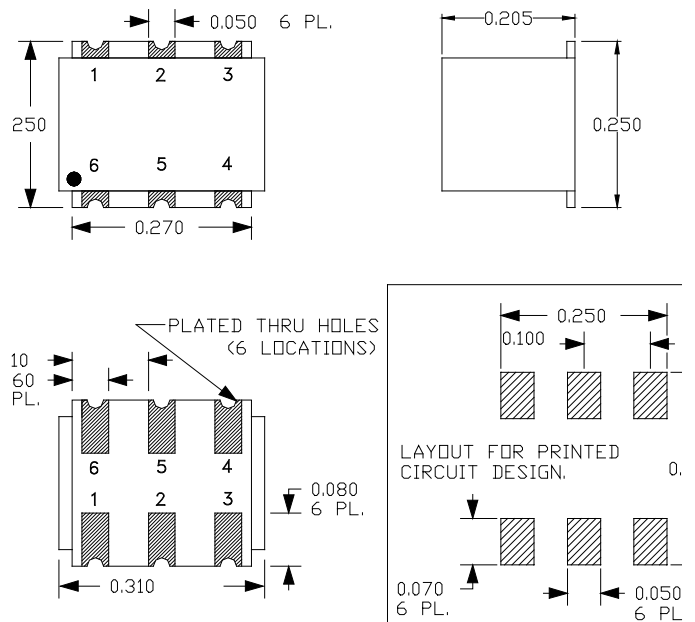
SPECIFICATIONS (Rev. B 08/27/15)

Frequency	5 - 1000 MHz		
Insertion Loss ¹	MHz	dB (Typ.)	dB (Max.)
	50 - 200	0.9	1.3
	5 - 1000	1.3	1.9
Isolation	MHz	dB (Typ.)	dB (Min.)
	50 - 200	30	20
	5 - 1000	23	15
Phase Unbalance	MHz	Degrees (Max.)	
	50 - 500	4	
	5 - 1000	7	
Amplitude Unbalance	MHz	dB (Max.)	
	50 - 500	0.4	
	5 - 1000	0.9	
Input Power Rating ²	1 Watt (Max.)		
Output Impedance	50 Ohms (Nom.)		
VSWR	1.2:1 (Typ.)		
Operating Temperature Range	-40 to +85 °C		

¹ Insertion loss above 6.0 dB theoretical splitting loss.

² Handling power applies to splitter mode and assumes ideal 50 Ohms impedance matching on all ports.

Package # 134



Port Configuration		
Input	Output	Gnd.
6	2,3,4,5	1

* Ground Externally

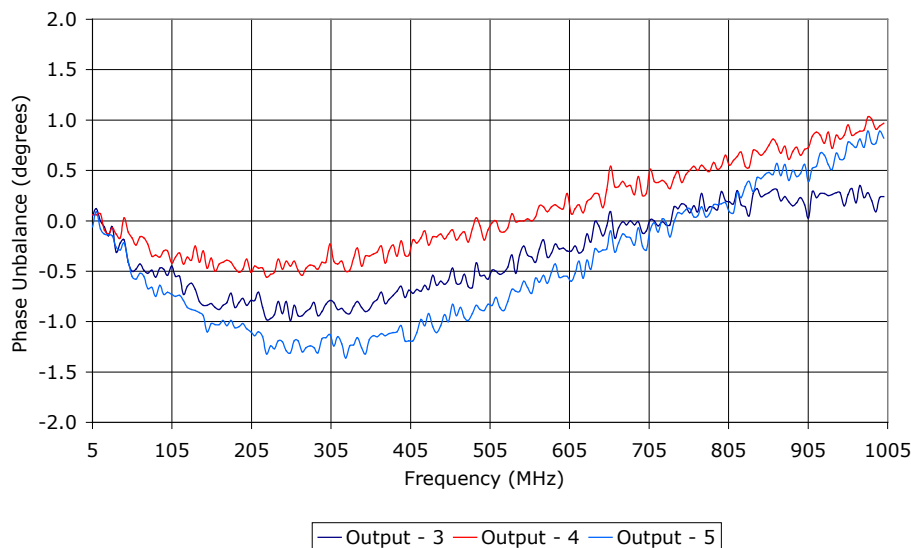
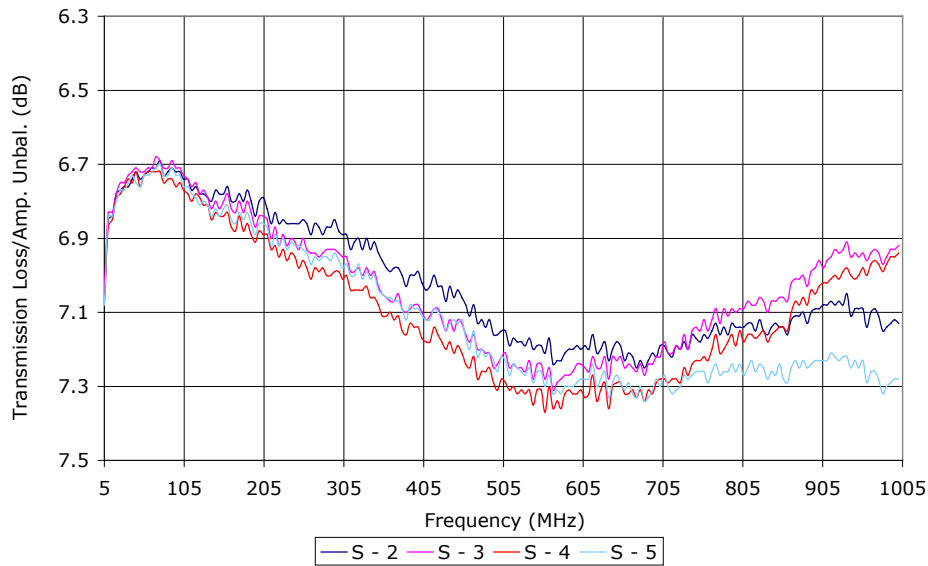
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