

8-WAY POWER DIVIDER

SURFACE MOUNT MODEL: DSS-585

WIDE BANDWIDTH

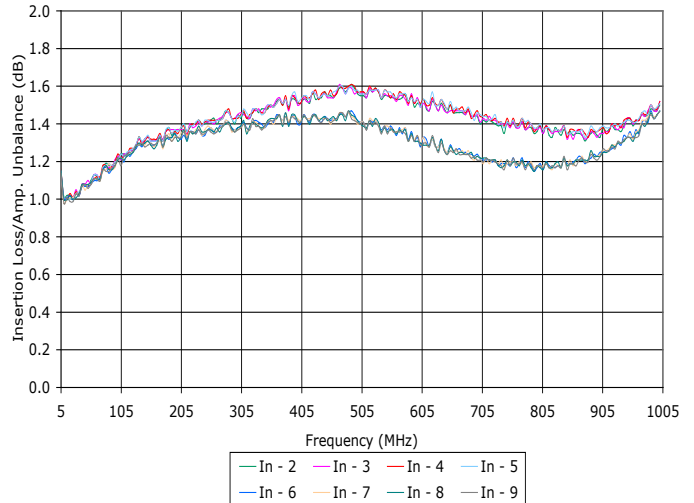
5 - 1000 MHz

FEATURES:

- ▶ Excellent Performance
- ▶ Small Size, Surface Mount
- ▶ Moderate Power
- ▶ Lead Free RoHS Compliant

APPLICATIONS:

- ▶ Signal Splitting & Low Power Combining



SPECIFICATIONS (Rev. C 10/07/08)

Frequency	5 - 1000 MHz		
Insertion Loss (dB) *	Freq. (MHz)	Typ.	Max.
	5 - 50	1.0	1.3
	50 - 500	1.1	1.9
	500 - 1000	1.2	2.0
Isolation (dB)	Freq. (MHz)	Typ.	Min.
	5 - 50	35	27
	50 - 500	23	18
	500 - 1000	23	17
Phase Unbalance	Freq. (MHz)	Typ.	Max.
	5 - 50	0.5	1.0
	50 - 500	2.0	4.0
	500 - 1000	2.0	5.0
Amplitude Unbalance (dB)	Freq. (MHz)	Typ.	Max.
	5 - 50	0.05	0.1
	50 - 500	0.2	0.4
	500 - 1000	0.2	0.5
Input Power	1 Watt (Max.)		
Impedance	50 Ohms (Nom.)		
Operating Temperature Range	-40 to +85 °C		
* Above theoretical 9 dB split loss.			

Package # 334

TOP VIEW

SIDE VIEW

BOTTOM VIEW

RECOMMENDED PCB LAYOUT

REL-PRO® PATENT PENDING

TOLERANCES ON THREE DECIMAL PLACES = ± 0.015

PACKAGE MOUNTING: SEE APPLICATION NOTE AN7200

PORT CONFIGURATION		
Input	Output	Ground
15	1,2,4,5,9,10,12,13	All Others

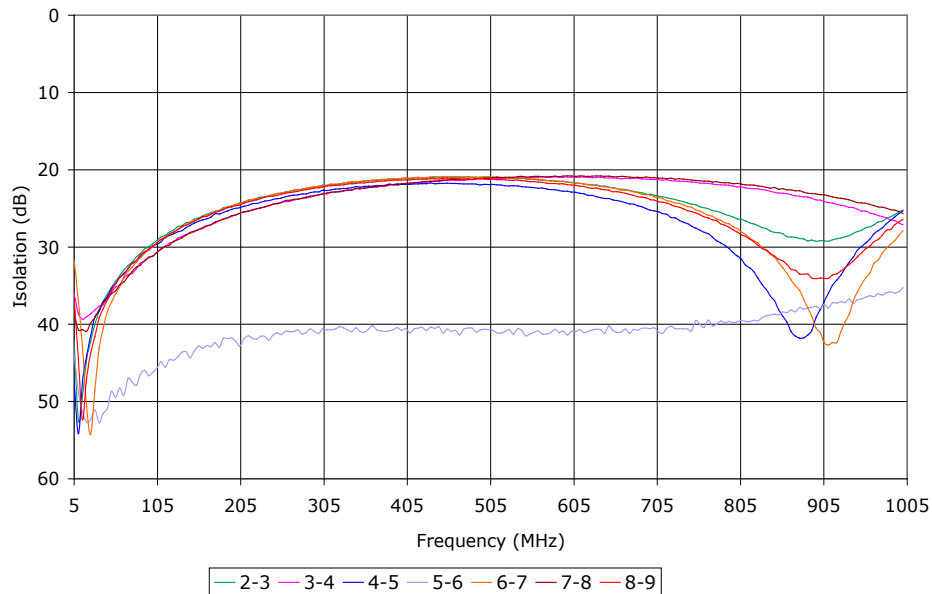
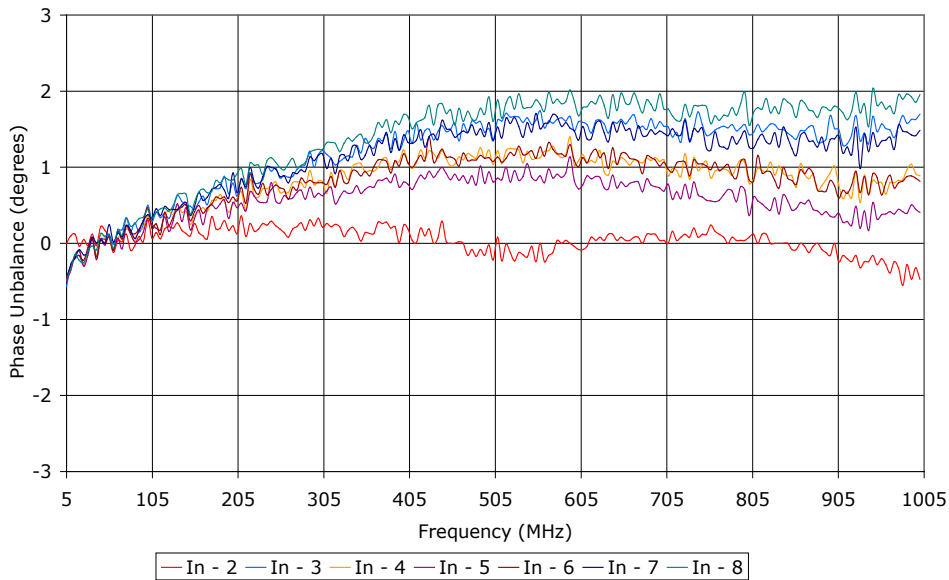
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