

# 8-WAY POWER DIVIDER

## SURFACE MOUNT MODEL: DSS-585

WIDE BANDWIDTH

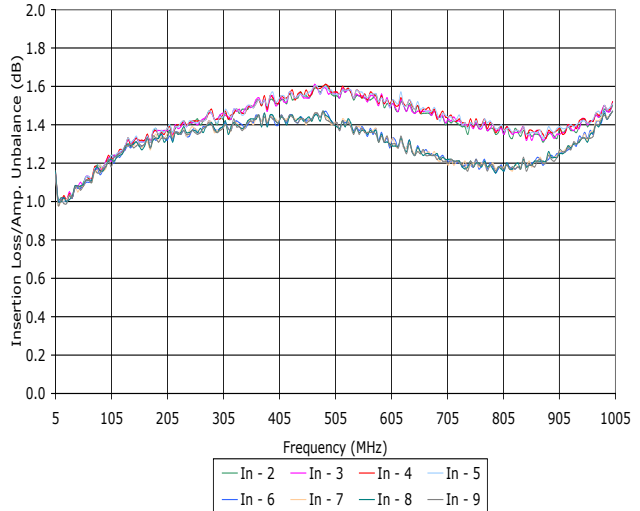
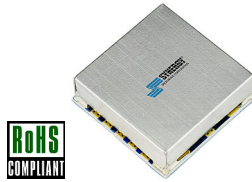
5 - 1000 MHz

**FEATURES:**

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

**APPLICATIONS:**

- ▶ Signal Splitting & Low Power Combining

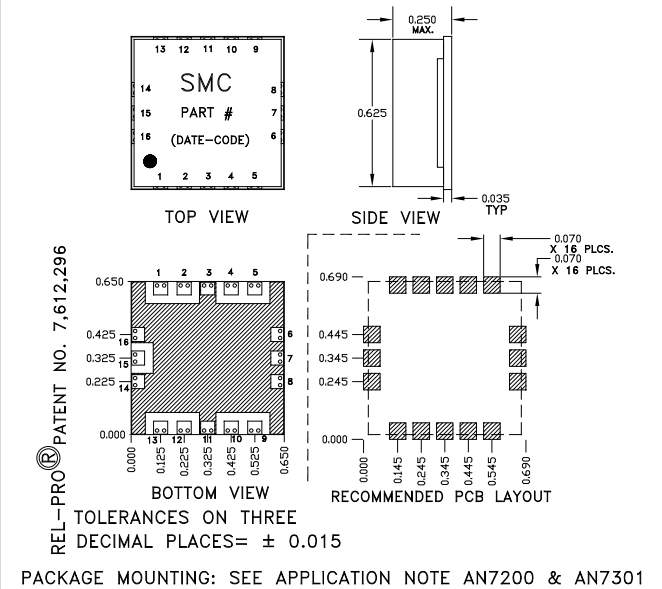


**SPECIFICATIONS (Rev. E 07/30/24)**

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

\* Above theoretical 9 dB split loss.

**Package #** 334



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

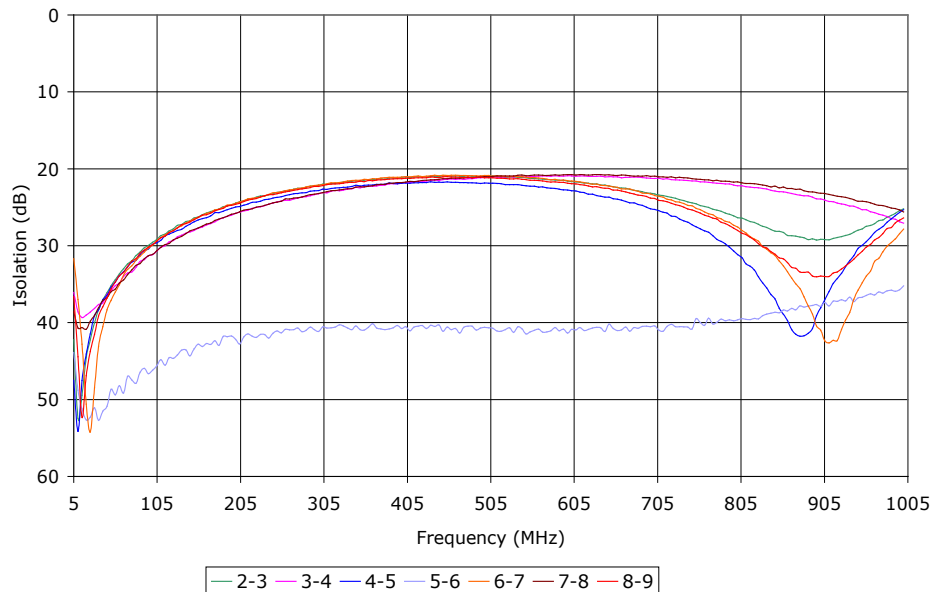
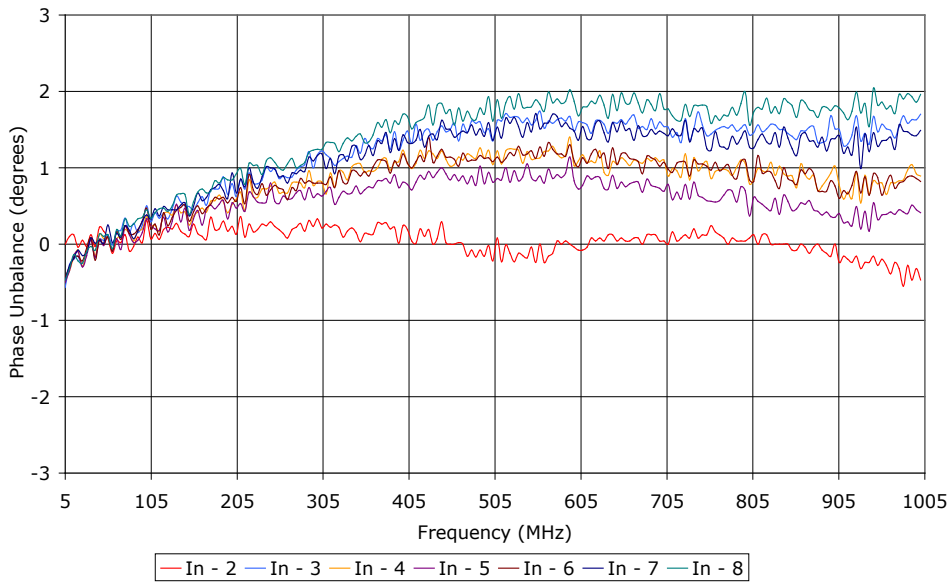
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