

2-WAY POWER DIVIDER

SYNSTRIP® MODEL: S2D2025

OPTIMIZED BANDWIDTH

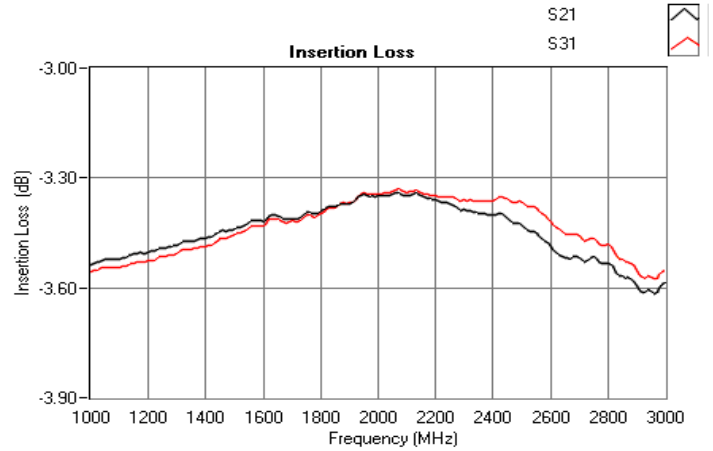
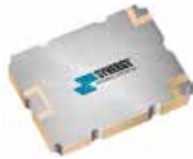
2000 - 2500 MHz

FEATURES:

- ▶ SYNSTRIP™ Technology
- ▶ Small Size, Surface Mount
- ▶ Optimum Performance

APPLICATIONS:

- ▶ Signal Splitting & Low Power Combining
- ▶ CDMA-2000, ISM Band



SPECIFICATIONS (Rev. A 03/24/15)

Frequency	2000 - 2500 MHz	
Insertion Loss (dB)	Typ.	Max.
	0.3	0.4
Isolation (dB)	Typ.	Min.
	25	18
Phase Unbalance (Deg.)	Typ.	Max.
	1.0°	2.0°
Amplitude Unbalance (dB)	Typ.	Max.
	±0.2	±0.4
VSWR	Typ.	Max.
	1.3:1	1.4:1
Input Power ¹	10 Watt (Max.)	
Impedance	50 Ohms (Nom.)	
Operating Temperature Range	-30 to +70 °C	

¹ With mismatch of 1.2:1 or less

Package # 234

TOP VIEW
SMC
SPD-XXXX
(DATE CODE)

BOTTOM VIEW
SYNSTRIP®
HATCHED AREA IS METALIZATION.

RECOMMENDED PCB LAYOUT

Port Configuration		
Input	Output	Ground
1	2,3	All Other

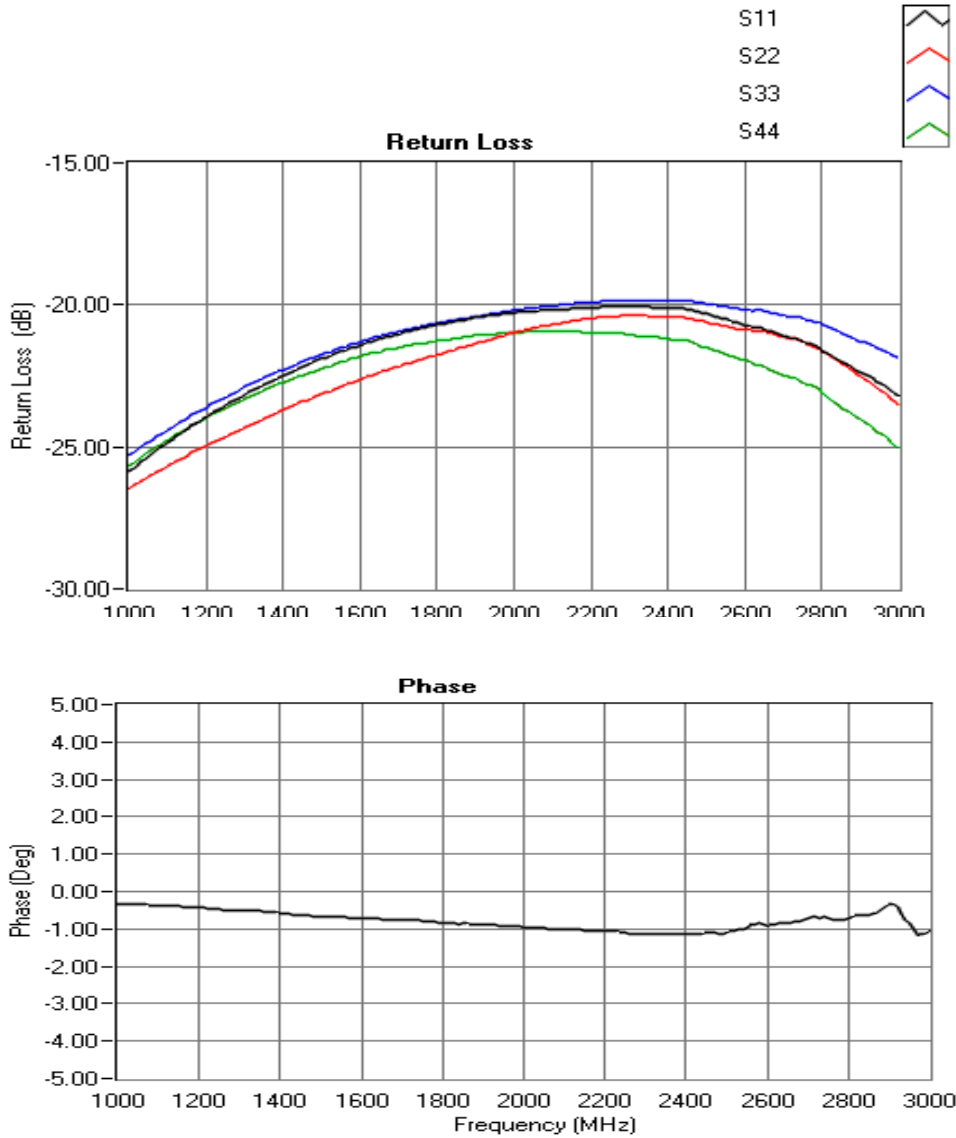
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PERFORMANCE PLOTS



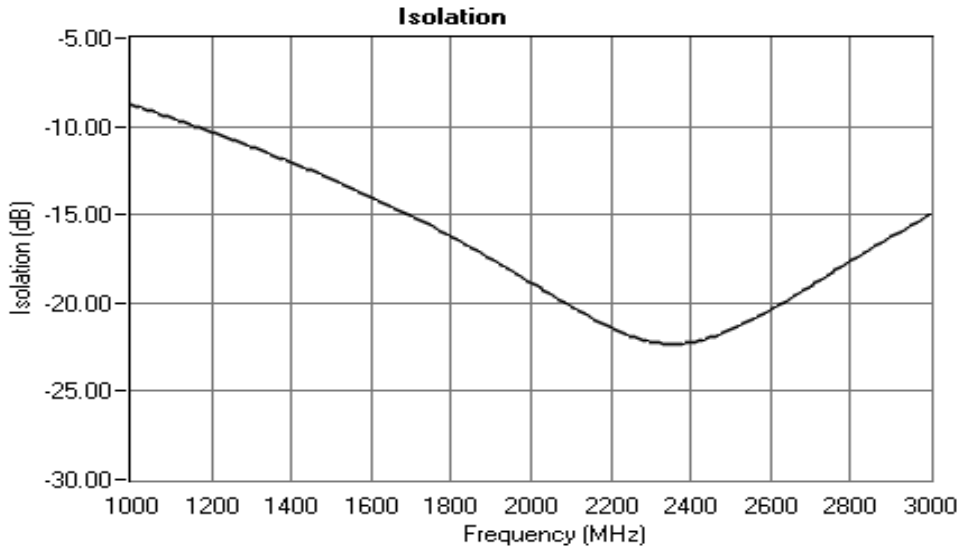
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