

4-WAY POWER DIVIDER

SYNSTRI[®] MODEL: S4D2028

OPTIMIZED BANDWIDTH

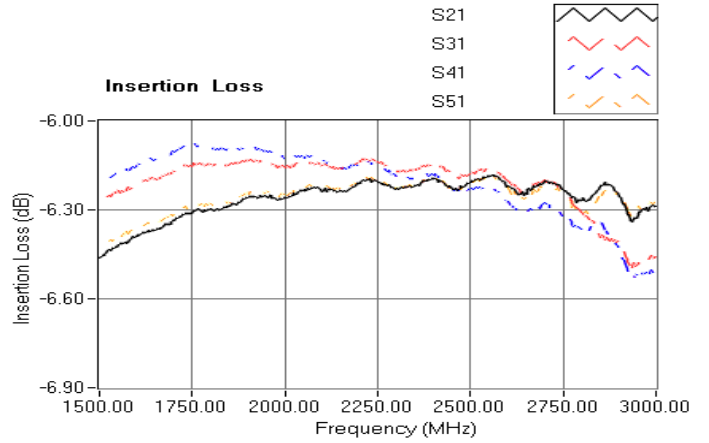
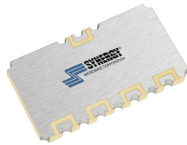
2000 - 2800 MHz

FEATURES:

- ▶ SYNSTRI[™] Technology
- ▶ Small Size, Surface Mount
- ▶ Optimum Performance

APPLICATIONS:

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



SPECIFICATIONS (Rev A 01/09/17)

Frequency	2000 - 2800 MHz	
Insertion Loss (dB)	Typ.	Max.
	0.5	0.8
Isolation (dB)	Typ.	Min.
	23	16
Phase Unbalance (Deg.)	Typ.	Max.
	3.0°	5.0°
Amplitude Unbalance (dB)	Typ.	Max.
	±0.3	±0.5
VSWR	Typ.	Max.
	1.3:1	1.4:1
Input Power ¹	5 Watt (Max.)	
Impedance	50 Ohms (Nom.)	
Operating Temperature Range	-40 to +70 °C	

¹ With mismatch of 1.2:1 or less

Package # 246

TOP VIEW
 Dimensions: 0.000, 0.135, 0.235, 0.335, 0.435, 0.535, 0.635, 0.735, 0.870, 0.480. Part number: SMC S4D****.

RECOMMENDED PCB LAYOUT
 Dimensions: 0.355, 0.910, 0.070 AT 14 PLCS., 0.080 AT 14 PLCS., 0.520, 0.020 AT 18 PLCS., 0.155, 0.100x6=0.600, 0.155.

BOTTOM VIEW
 Dimensions: 0.000, 0.135, 0.235, 0.335, 0.435, 0.535, 0.635, 0.735.

SIDE VIEW
 Dimension: 0.065 (TYP.)

HATCHED AREA IS METALIZATION.

Port Configuration		
Input	Output	Ground
1	2,3,4,5	All Other

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PERFORMANCE PLOTS

