

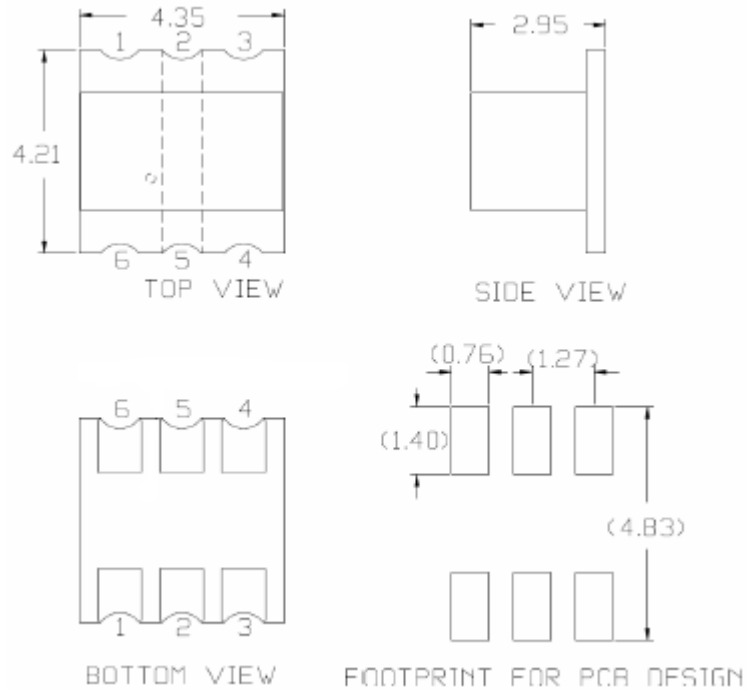
2Way 0° Divide transformer **Frequency: 5-1000MHZ.**

Base dimension

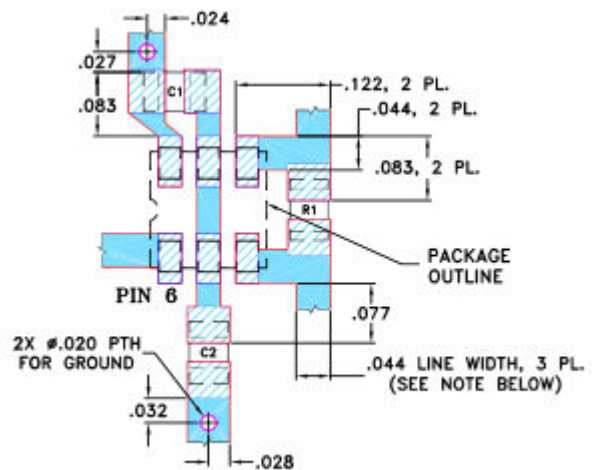
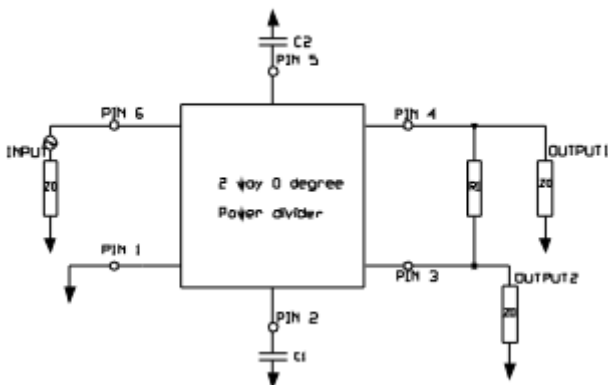
Feature:

- .2way 0degree transformer.
- .SMT part.
- .Packaging 2000pcs per reel.
- .used in 500HM systems.
- .260 degree compatible.

ROHS COMPLIANT



Application Circuit



C1,C2 1.5.pF R1 100ohm

Description:

. SL016093 is a 2way 0°splitter RF transformer.

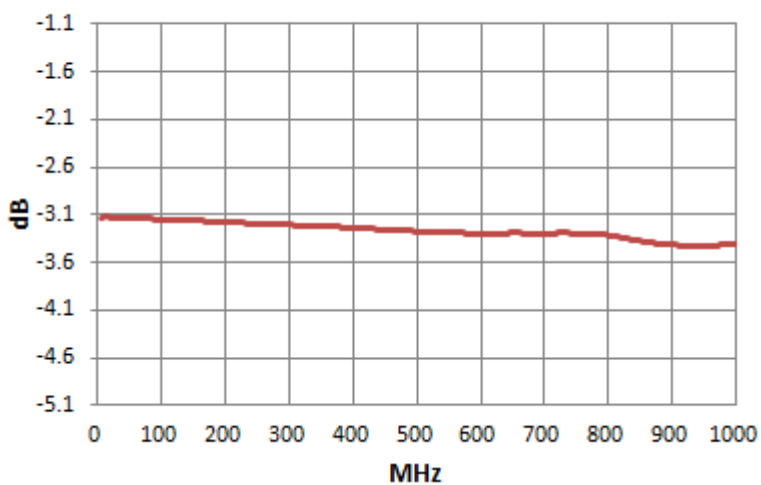
Low cost SMT transmission transformer designed high volume applications.

PIN CONFIGURATION

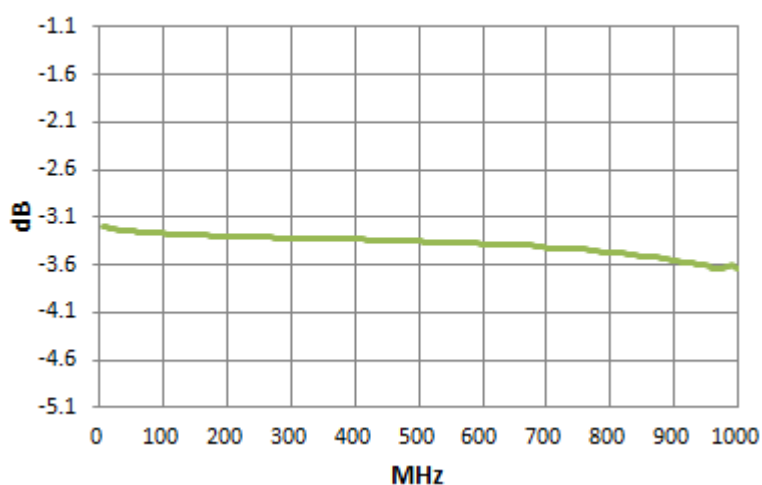
PIN	FUNCTION
6	Input
2 , 5	External 1.5pF*2pcs to ground
3	Output1
4	Output2
1	GND

Electrical Specifications: TA=25°C, Zo=50Ω Pin=0dbm					
Parameter	Test Conditions	Units	Min.	Typ.	Max.
Insertion loss	5-50MHz	dB	---	0.3	0.9
	50-500MHz	dB		0.5	0.9
	500-1000MHz	dB		0.5	1.4
Phase Unbalance	5-50MHz	degree	----	---	+/-4°
	50-500MHz	degree	----	---	+/-4°
	500-1000MHz	degree	----	---	+/-6°
Amplitude Unbalance	5-50MHz	dB	---	---	+/-0.6
	50-500MHz	dB	---	---	+/-0.6
	500-1000MHz	dB	---	---	+/-0.3
Output return loss	5-50MHz	dB	18	20	---
	50-500MHz	dB	20	23	---
	500-1000MHz	dB	18	20	---
Input return loss	5-50MHz	dB	20	25	---
	50-500MHz	dB	20	24	---
	500-1000MHz	dB	20	22	---
Isolation	5-50MHz	dB	17	25	---
	50-500MHz	dB	16	25	---
	500-1000MHz	dB	16	21	---
RF Power Rating (max)		500mw			
DC Current Rating (max)		250mA			
Test Impedance (50Ω,75Ω, etc.)		50OHM			
Operating Temperature		-40°C to +85°C			
Storage Temperature		-40°C to +85°C			

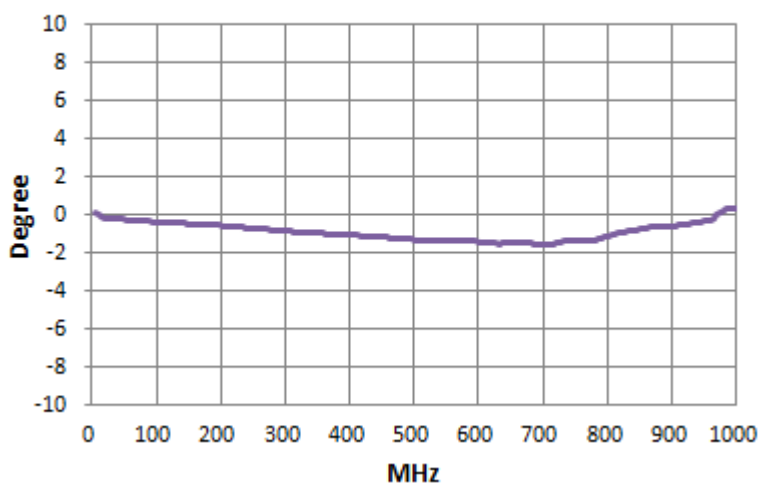
Insertion Loss 6-4



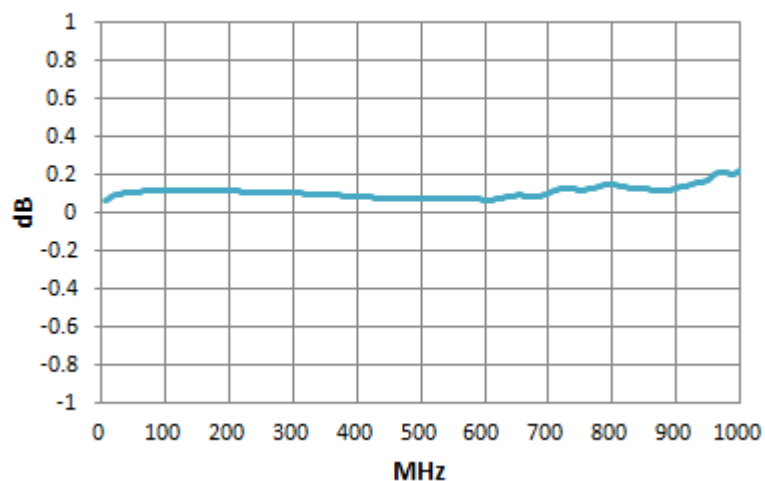
Insertion Loss 6-3



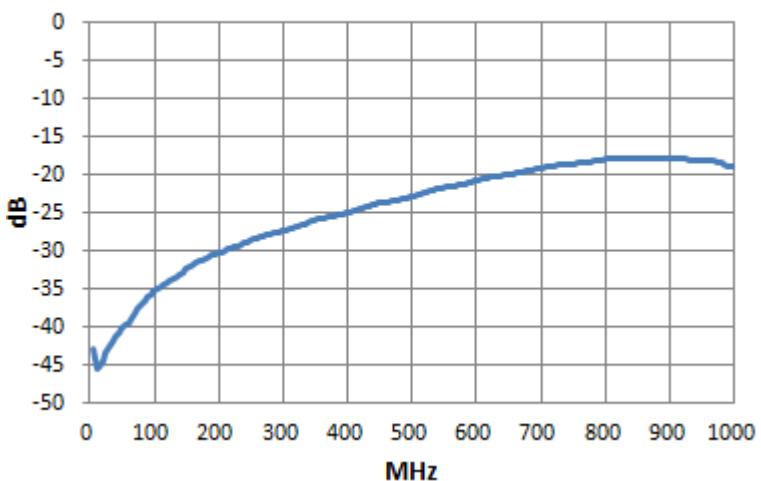
Phase



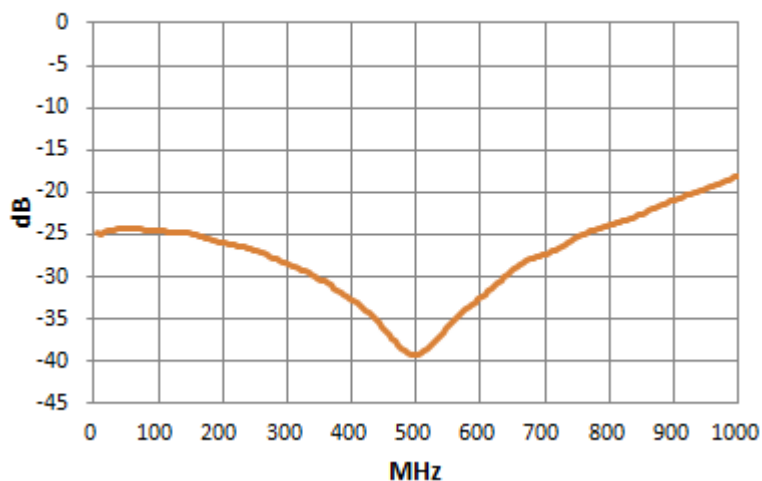
Amplitude



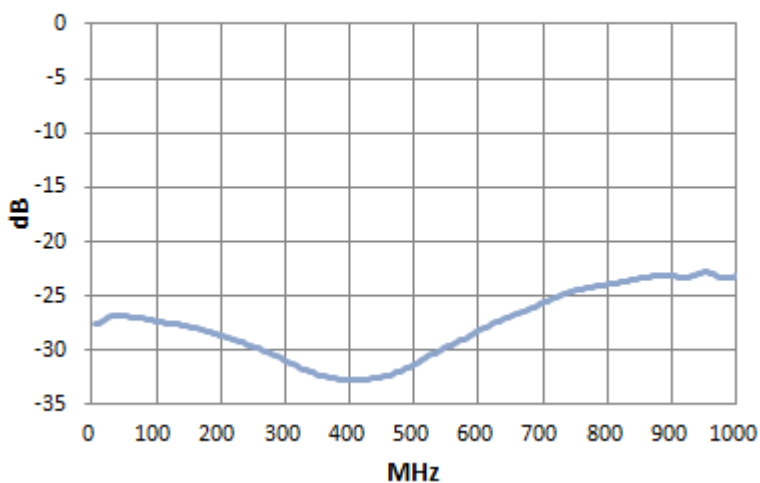
Input Return Loss



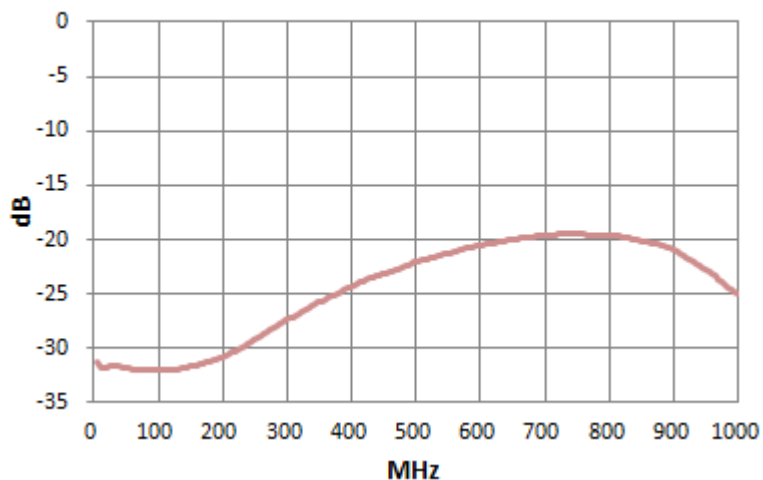
Output Return Loss pin3



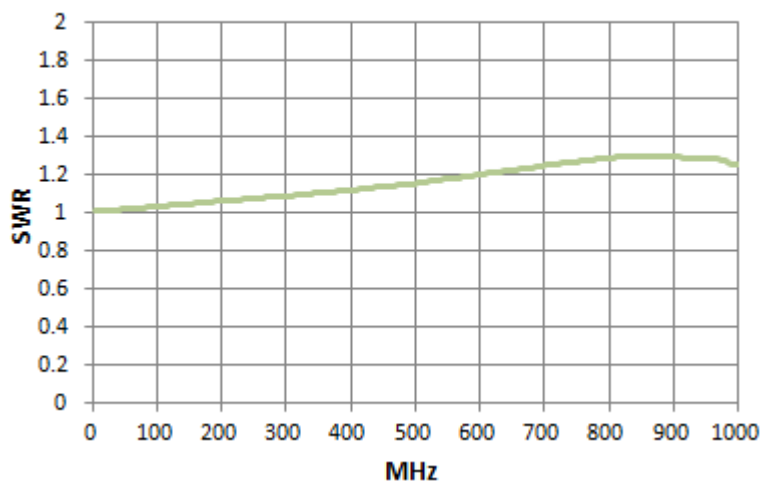
Output Return Loss pin4



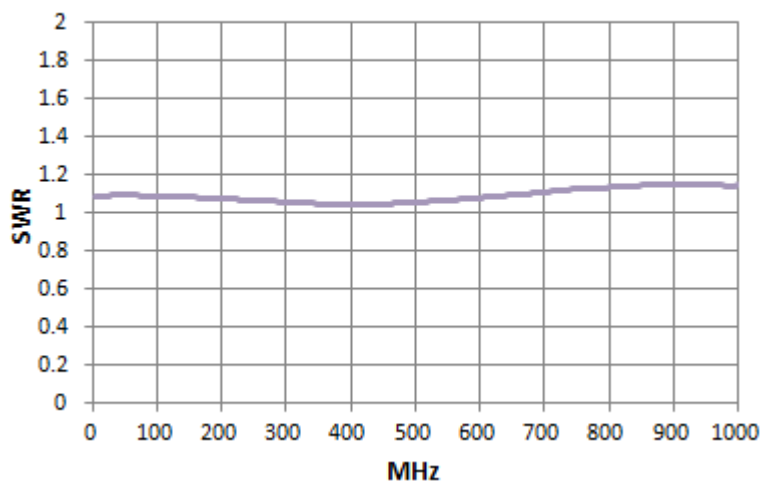
Isoaltion



S_VSWR



1_VSWR



2_VSWR

