

2Way 0° Divide transformer **Frequency: 1-650MHZ.**

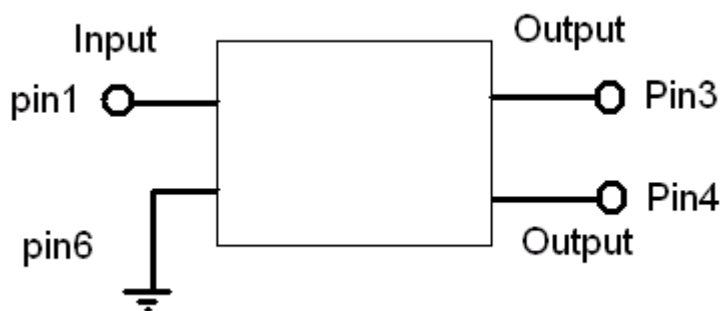
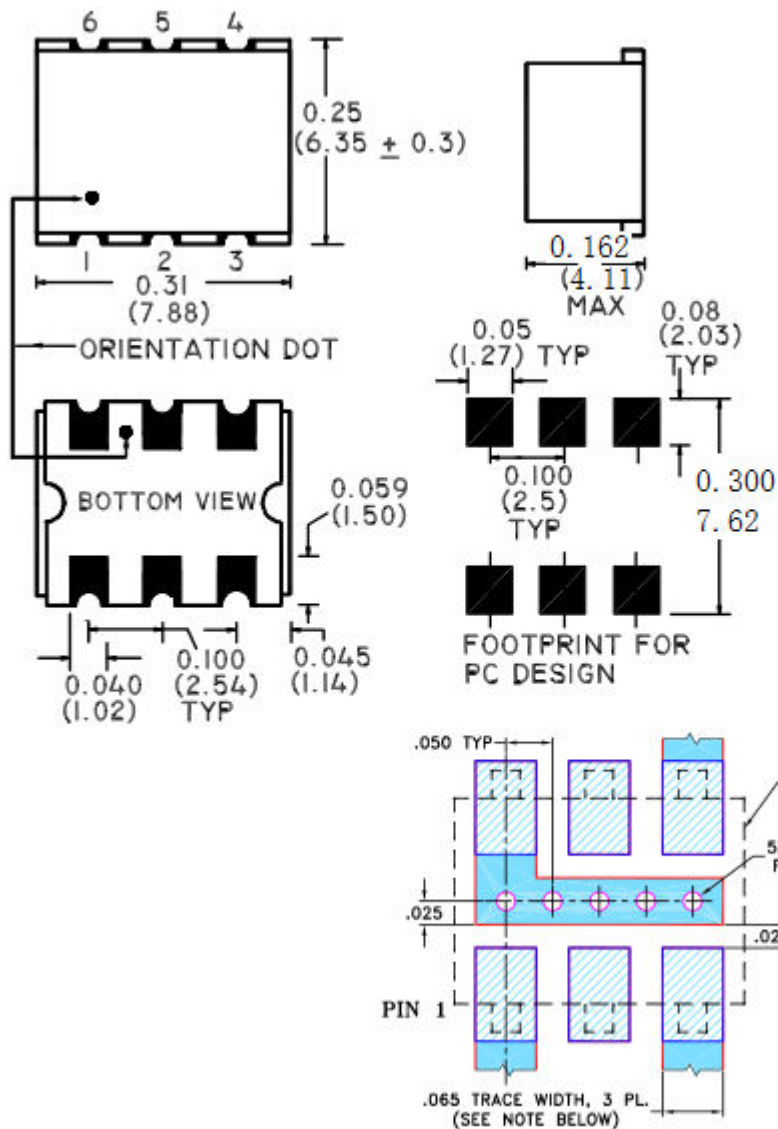
Feature:

- .2way 0degree transformer.
- .SMT part.
- .Packaging 1000pcs per ree.
- .used in 50ohm systems.
- .260 degree compatible.

ROHS COMPLIANT



Base dimension



SCHEMATIC

Description:

.LH Corporation S013092 is a 2way 0°splitter RF transformer.

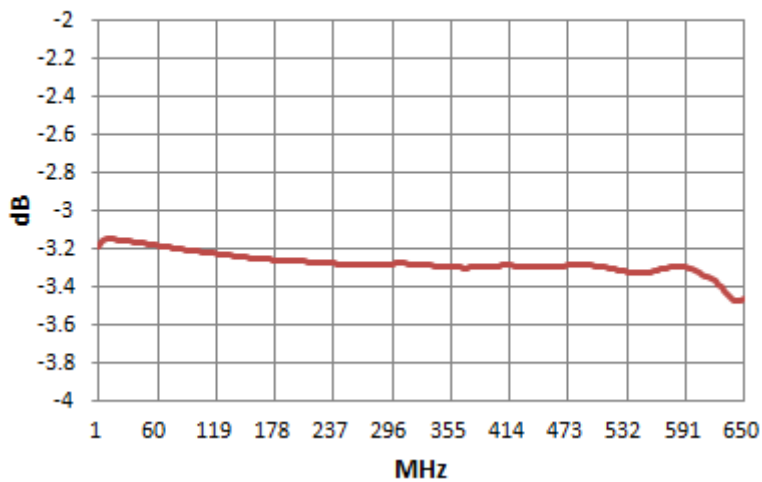
Low cost SMT transmission transformer designed high volume applications.

PIN CONFIGURATION

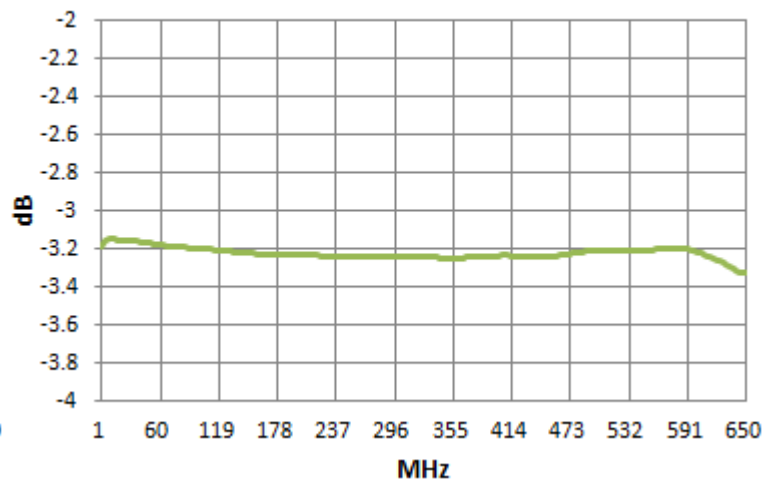
PIN	FUNCTION
1	Input
2 , 5	NOT USED
3	Output1
4	Output2
6	GND

Electrical Specifications: TA=25°C, Zo=50Ω Pin=0dbm					
Parameter	Test Conditions	Units	Min.	Typ.	Max.
Insertion loss	1-5MHz	dB	---	0.2	0.8
	5-300MHz	dB	---	0.25	0.8
	300-650MHz	dB	---	0.5	1.0
Phase Unbalance	1-5MHz	degree	----	+/-0.1°	+/-1°
	5-300MHz	degree	----	+/-15°	+/-1.5°
	300-650MHz	degree	----	+/-0.2°	+/-2°
Amplitude Unbalance	5-50MHz	dB	---	---	+/-0.1
	50-500MHz	dB	---	---	+/-0.2
	500-1000MHz	dB	---	---	+/-0.3
Input return loss	5-750MHz	dB	20	---	---
	750-1000MHz	dB	20	---	---
	1000-1250MHz	dB	18	---	---
Output return loss	5-750MHz	dB	20	---	---
	750-1000MHz	dB	20	---	---
	1000-1250MHz	dB	18	---	---
Isolation	1-5MHz	dB	20	33	---
	5-300MHz	dB	20	30	---
	300-650MHz	dB	20	24	---
RF Power Rating (max)		2w			
Internal Load Dissipation		0.125W			
Test Impedance (50Ω,75Ω, etc.)		50OHM			
Storage Temperature		-55°C to 100°C			
Operating Temperature		-55°C to 100°C			

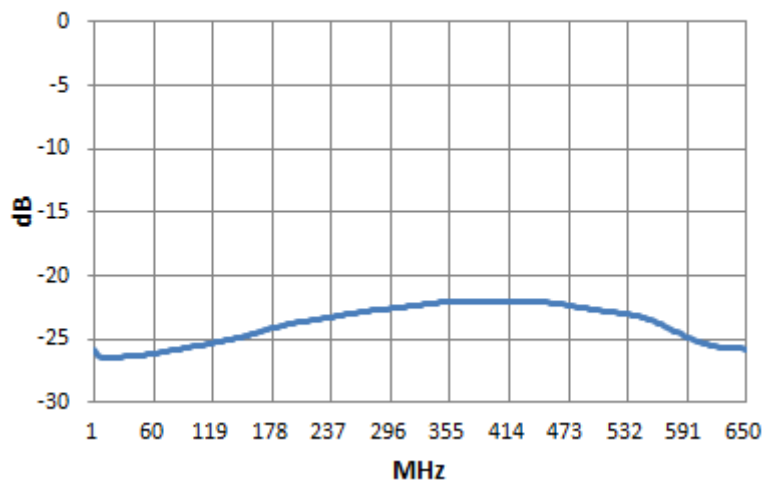
Insertion Loss 1-3



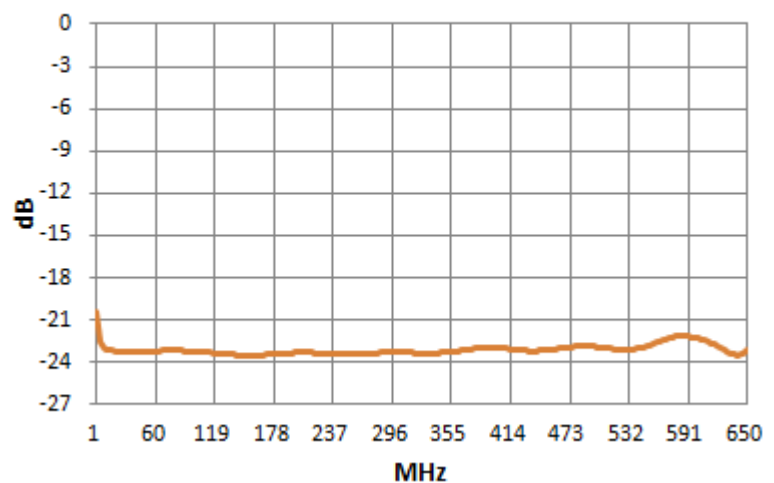
Insertion Loss 1-4



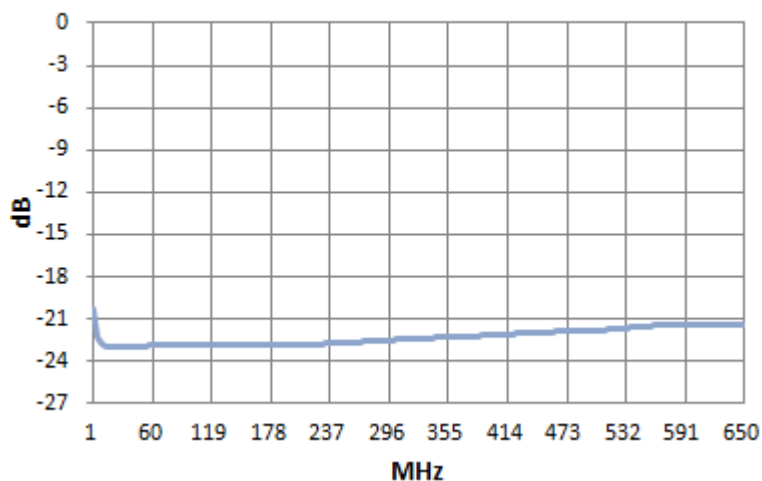
Input Return Loss



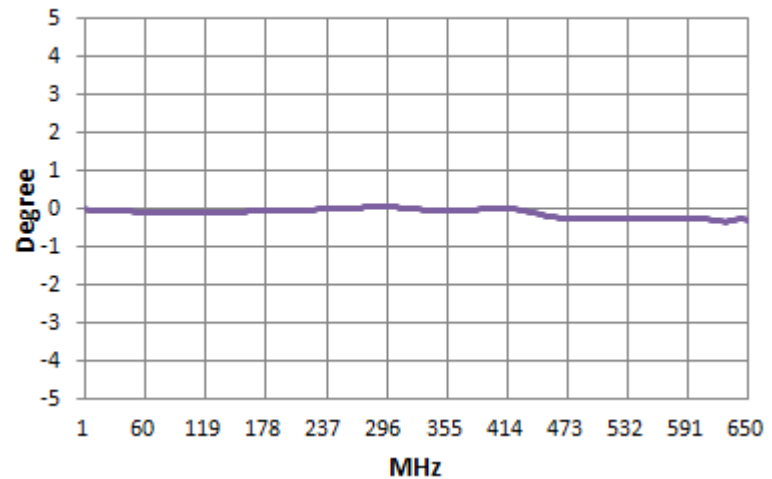
Output Return Loss pin3



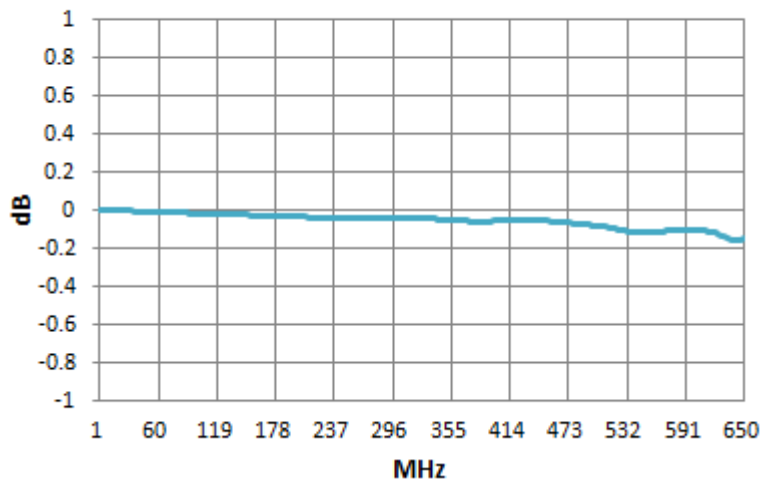
Output Return Loss pin4



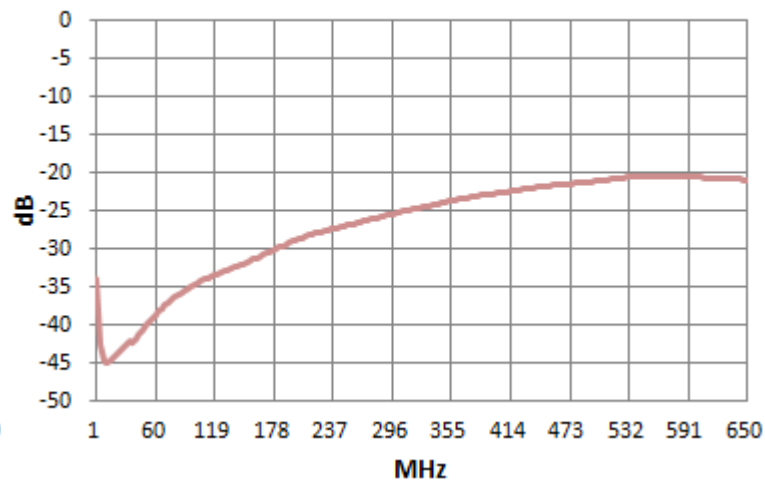
Phase



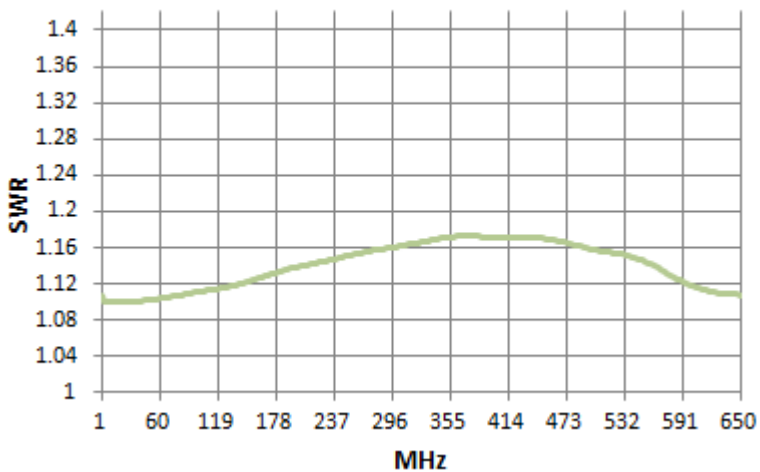
Amplitude



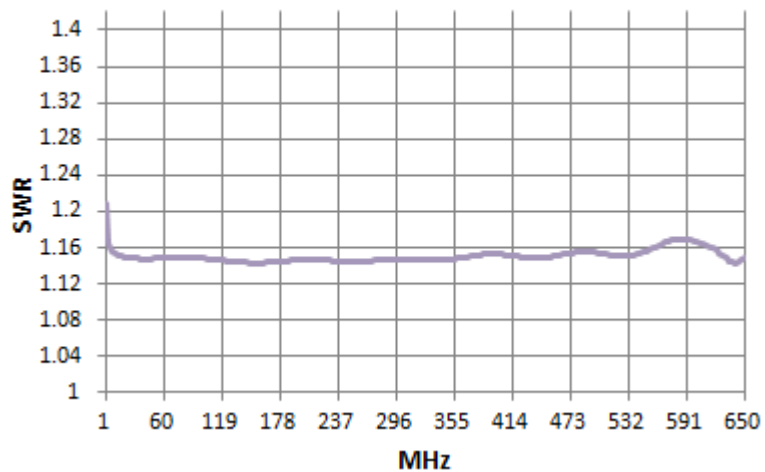
Isoaltion



S_VSWR



1_VSWR



2_VSWR

