

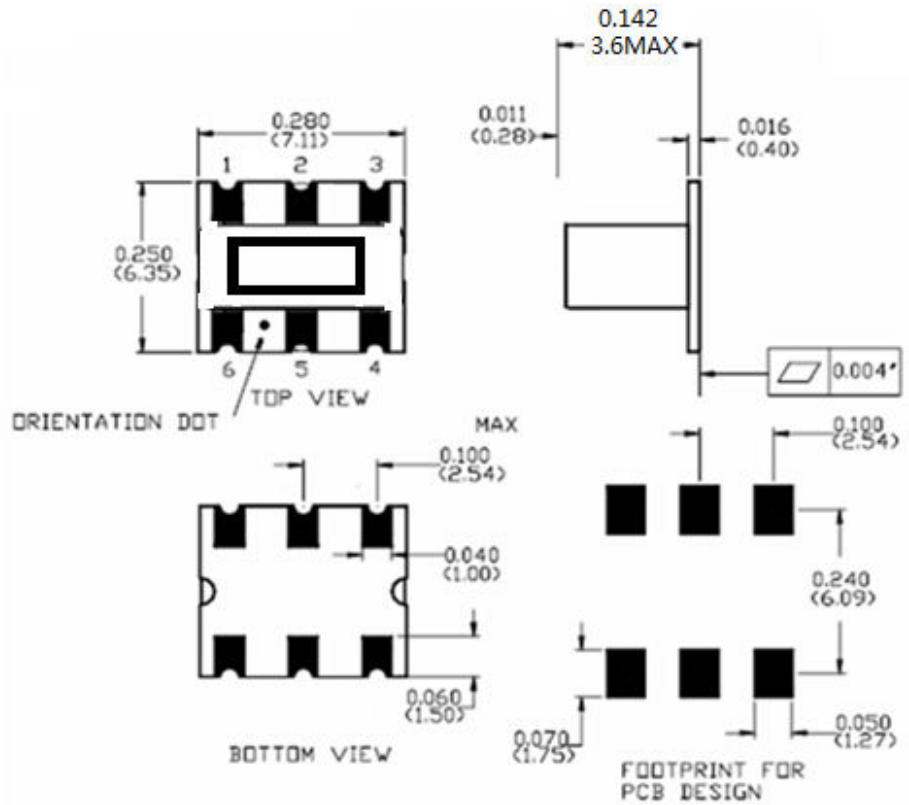
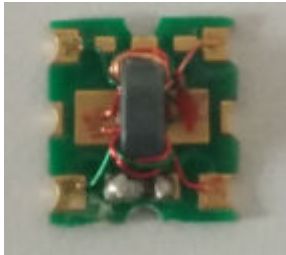
2Way 0° Divider transformer **Frequency: 5-1000MHZ.**

Base dimension

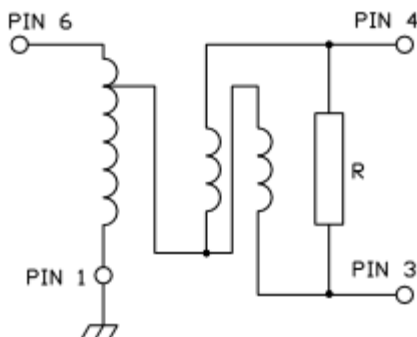
Feature:

- .2way 0degree transformer.
- .SMT part.
- .Packaging 1000pcs per reel.
- .used in 75 ohm systems.
- .weld connect.
- .260 degree compatible.

ROHS COMPLIANT



Tolerance: +/- 5%



Schematic

Description:

.LH Corporation SL016075 is a 2way 0°splitter RF transformer.

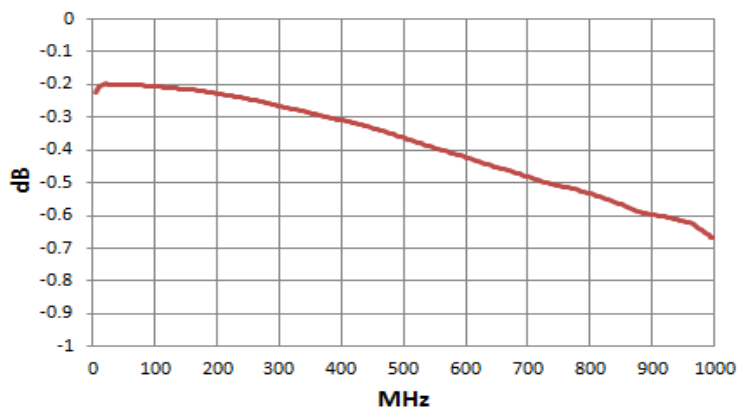
Low cost SMT transformer designed high volume CATV/Broadband applications.

PIN CONFIGURATION

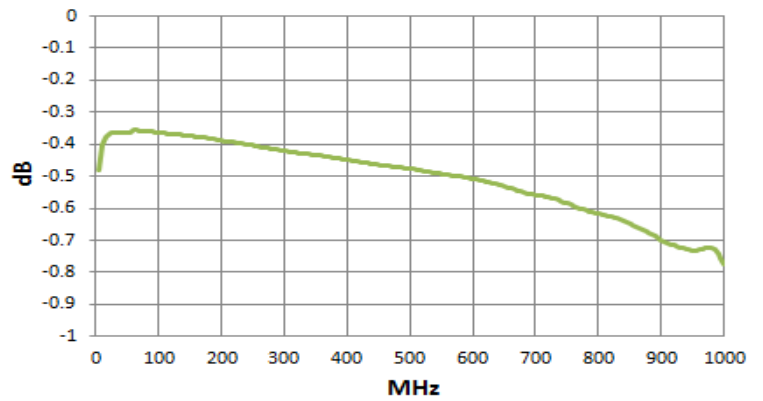
PIN	FUNCTION
6	Input
2, 5	Not connected(ground)
4	Output1
3	Output2
1	Ground

Electrical Specifications: TA=25°C, Zo=75Ω Pin=0dbm					
Parameter	Test Conditions	Units	Min.	Typ.	Max.
Insertion loss	5-500MHz	dB	---	0.5	0.7
	500-1000MHz	dB	---	0.7	1.4
Input return loss	5-50MHz	dB	24	35	---
	50-870MHz	dB	14	26	---
	870-1000MHz	dB	11	16	---
Output return loss	5-1000MHz	dB	15	22.5	---
Isolation	5-50MHz	dB	20	26	---
	50-870MHz	dB	14	22	---
	870-1000MHz	dB	12	15	---
Phase Unbalance	5-1000MHz	degree	----	+/-1°	+/-3°
Amplitude Unbalance	5-1000MHz	dB	---	+/-0.28	+/-0.55
RF Power Rating (max)		1W			
DC Current (max)		240mA			
Test Impedance (50Ω,75Ω, etc.)		75OHM			
Operating Temperature		-40°C ~ +85°C			
Storage Temperature		-55°C ~ +100°C			

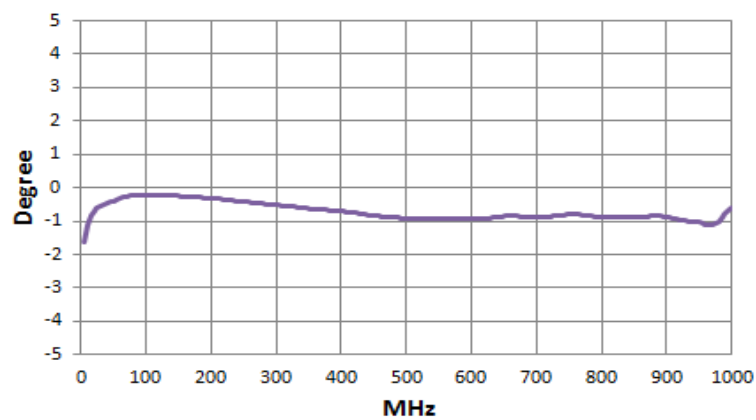
Insertion Loss 6-4



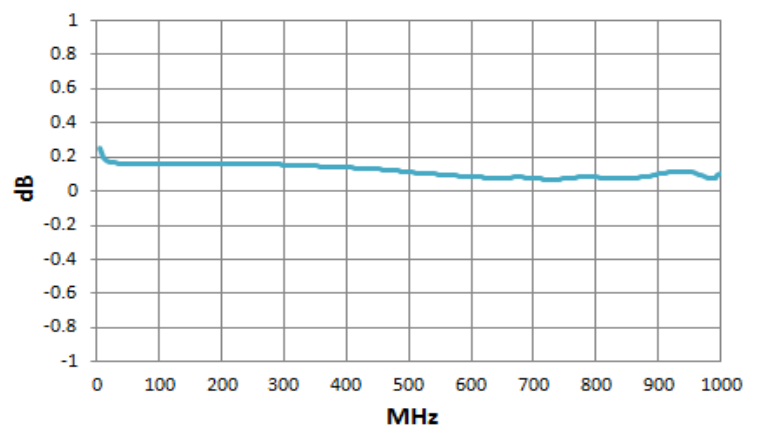
Insertion Loss 6-3



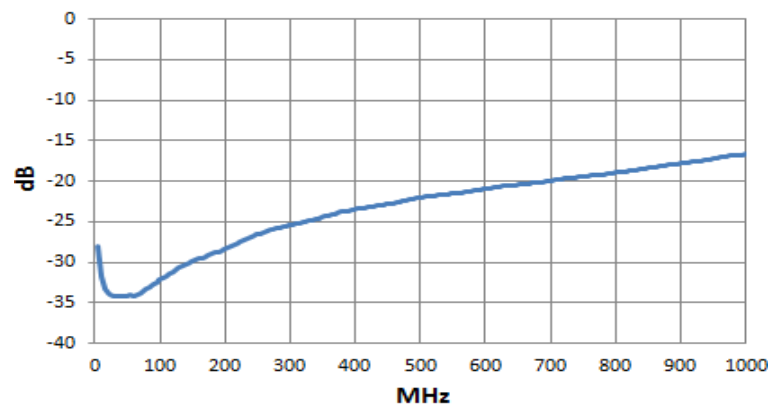
Phase



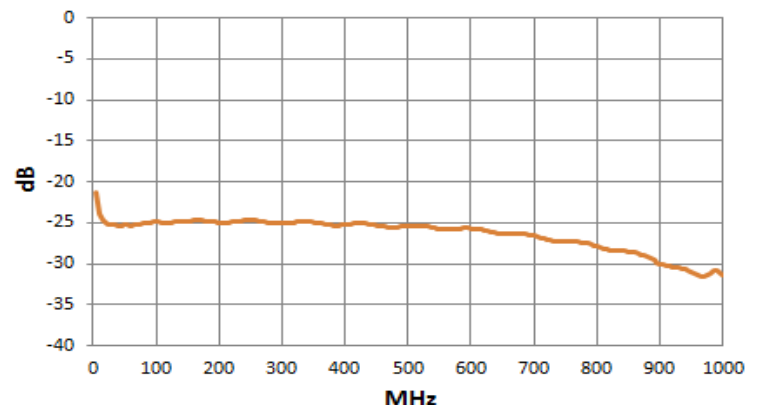
Amplitude



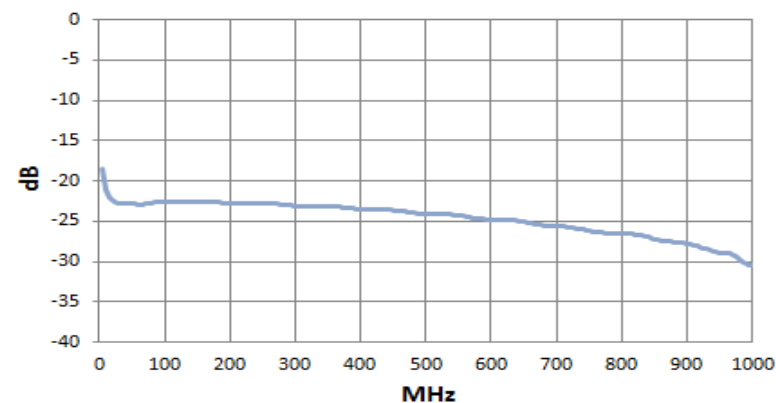
Input Return Loss



Output Return Loss pin4



Output Return Loss pin3



Isolation

