

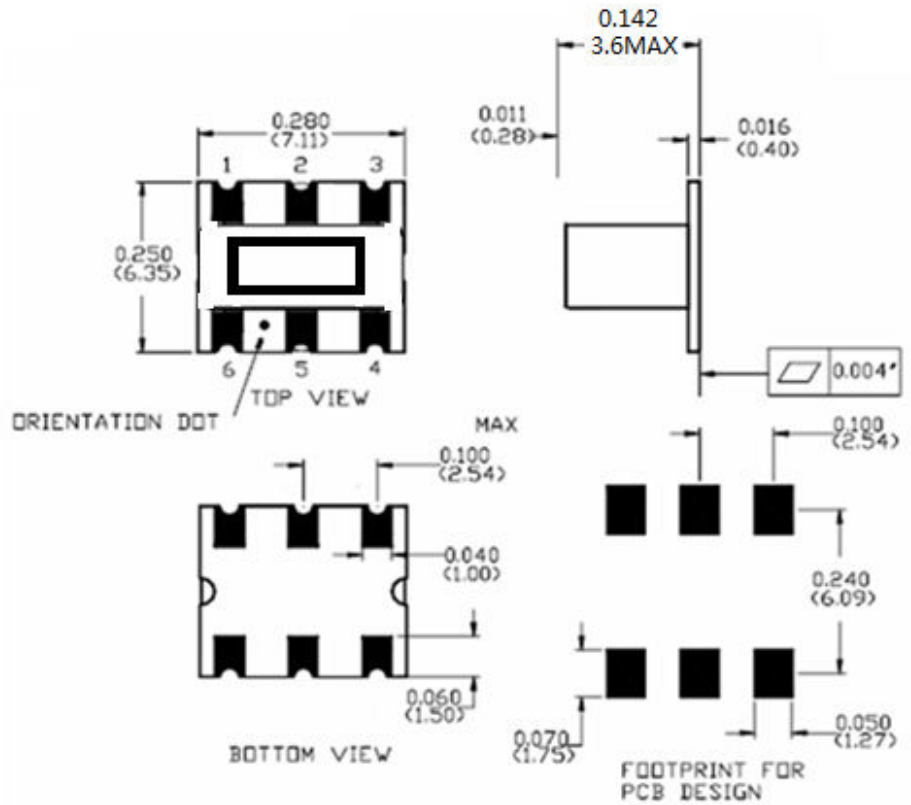
2Way 0° Divider transformer Frequency: 5-1000MHZ.

Base dimension

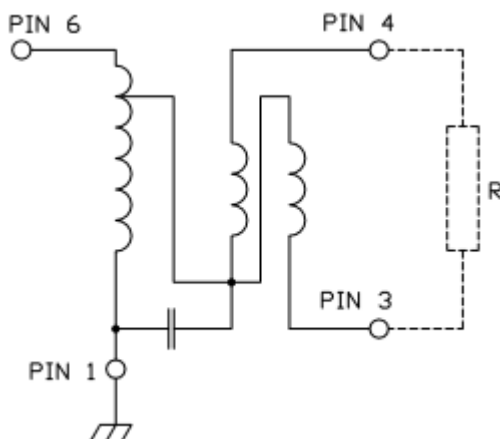
Feature:

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

ROHS COMPLIANT



Tolerance: +/- 5%



R-180OHM External 180 Ohm

Schematic

Description:

.LH Corporation SL018006-2W-1TL is a 2way 0°splitter RF transformer.

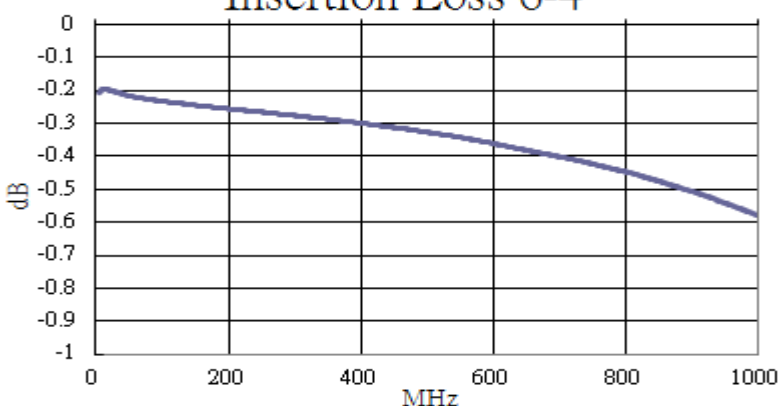
Low cost SMT transformer designed high volume CATV/Broadband applications.

PIN CONFIGURATION

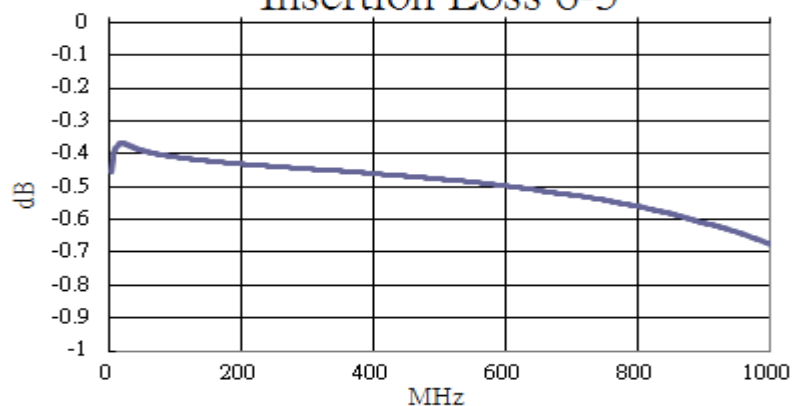
PIN	FUNCTION
6	Input
2, 5	Not connected(ground)
4	Output1
3	Output2
1	Ground

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	1.0
Input return loss	5-700MHz	dB	25	33	---
	700-870MHz	dB	22	30	---
	870-1000MHz	dB	18	26	---
Output return loss	5-40MHz	dB	15	24	---
	40-1000MHz	dB	19	25	---
Isolation	5-500MHz	dB	20	27	---
	500-1000MHz	dB	15	20	---
Phase Unbalance	5-1000MHz	degree	----	+/-1°	+/-3°
Amplitude Unbalance	5-500MHz	dB	---	+/-0.28	+/-0.4
	500-1000MHz	dB	---	+/-0.32	+/-0.6
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			

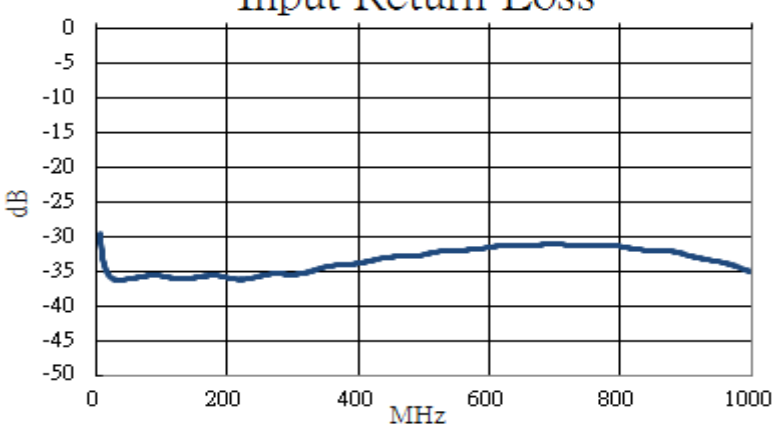
Insertion Loss 6-4



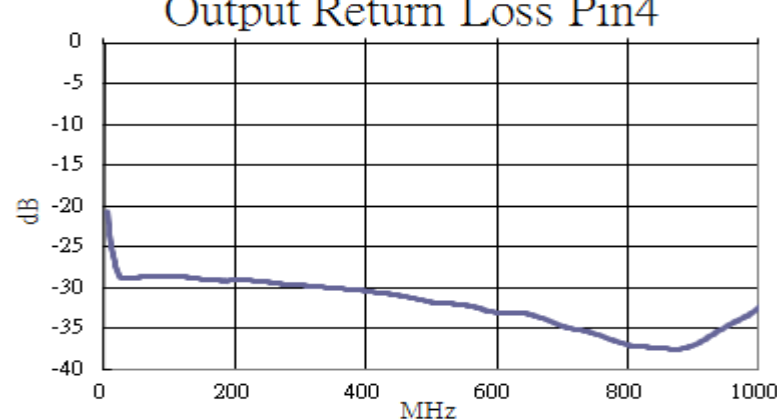
Insertion Loss 6-3



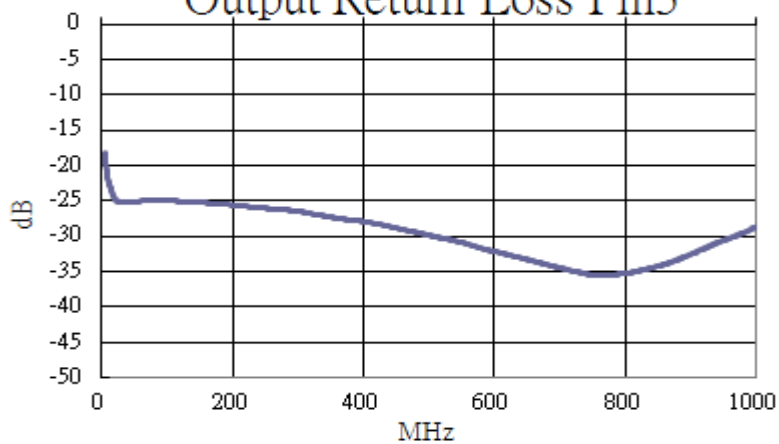
Input Return Loss



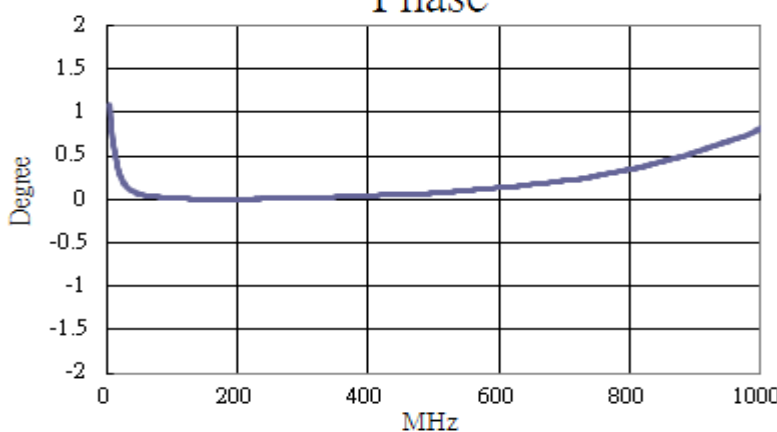
Output Return Loss Pin4



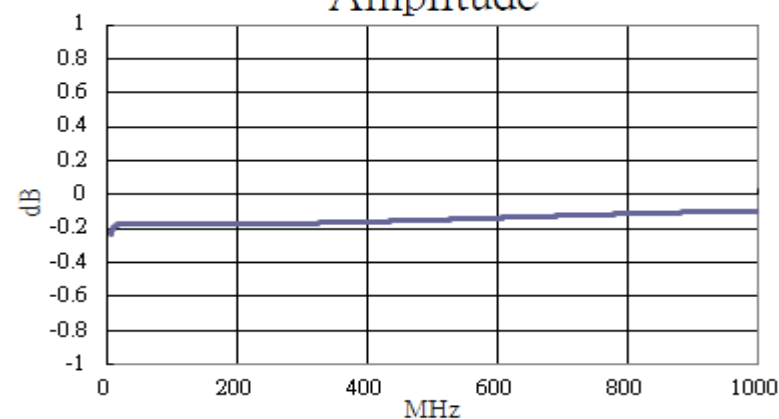
Output Return Loss Pin3



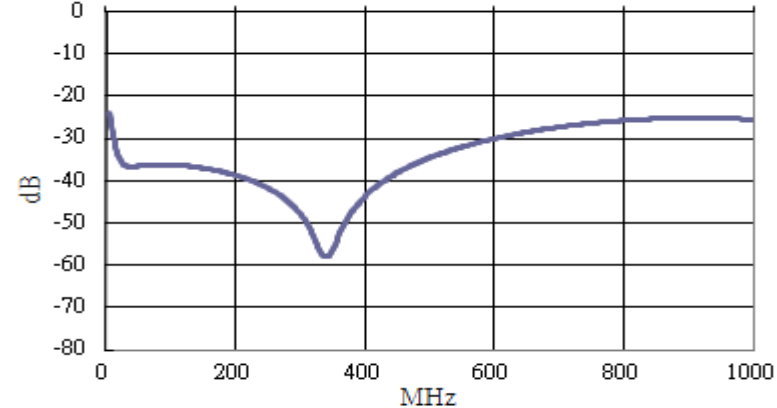
Phase



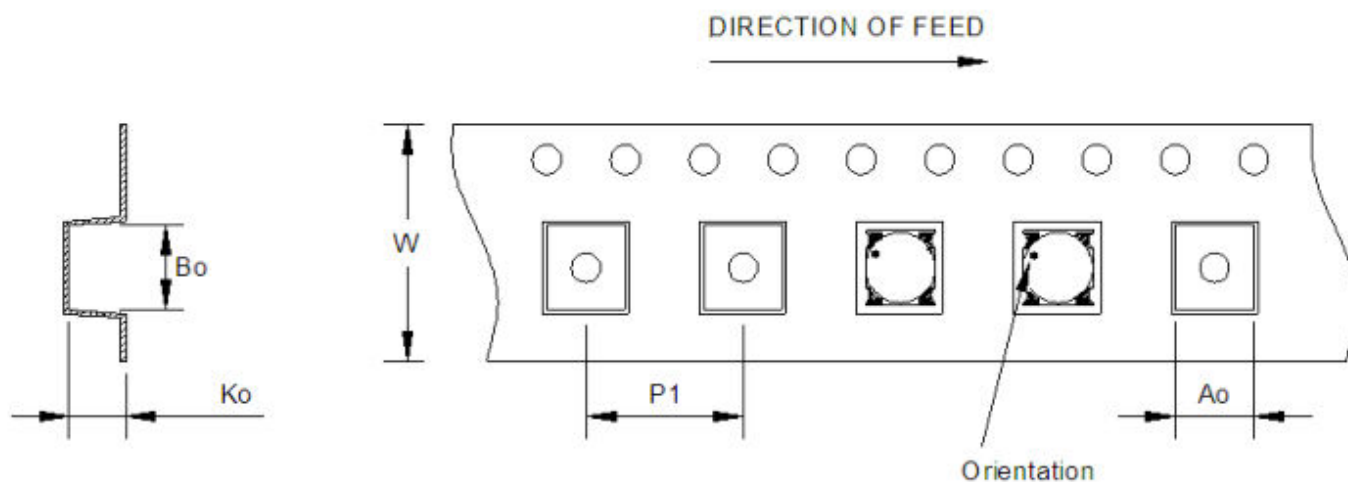
Amplitude



Isolation



Tape Specification:



Item	Dimension
Ao	6.70mm +/-0.1mm
Bo	7.50mm +/-0.1mm
Ko	3.60mm +/-0.1mm
W	16.00mm +/-0.3mm
P1	12.00mm +/-0.1mm