

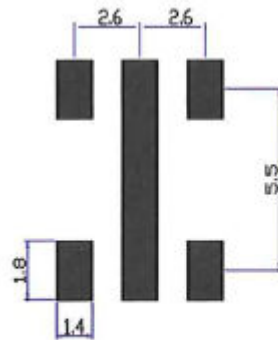
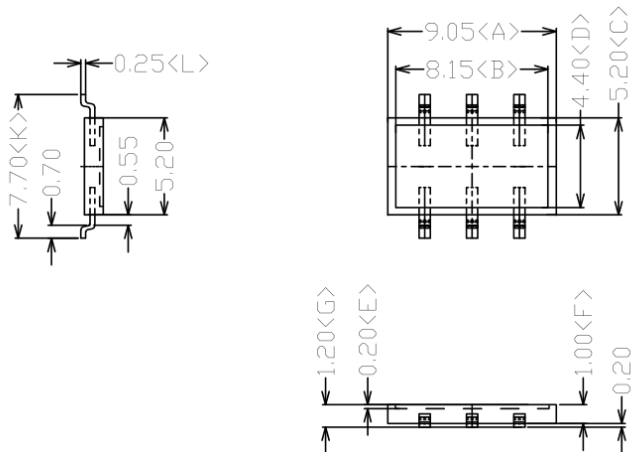
2Way 0° Divide transformer Frequency: 5-1100MHZ.

Base dimension

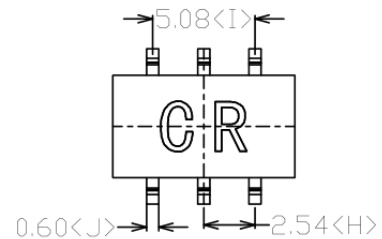
Feature:

- .2way 0degree transformer.
- .SMT part.
- .Packaging 1000pcs per reel.
- .used in 75 and 50ohm systems.
- .weld connect.
- .260 degree compatible.

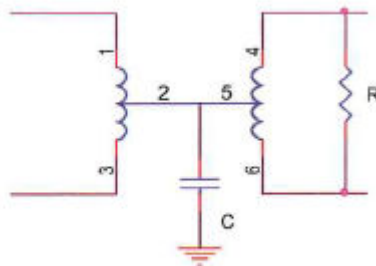
ROHS COMPLIANT



PCB footprint design

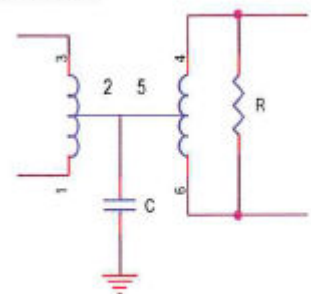


Schematic:



SL018011-2W-1TL

Schematic:



SL018011-2W-1TL+

Description:

. LH Corporation S018011-2W-1TL is a 2way 0°splitter RF transformer.

Low cost SMT transmission transformer designed high volume applications.

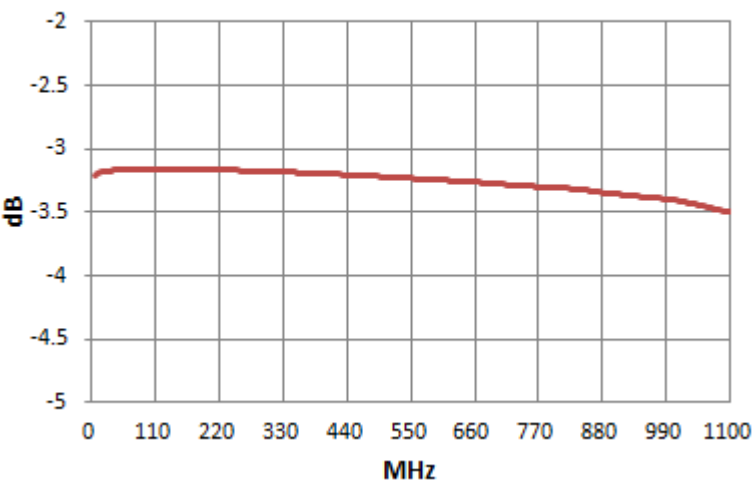
PIN CONFIGURATION

PIN	FUNCTION
1	Input(SL018011-2W-1TL+ GND)
2 , 5	SHORT
4,6	Output
3	GND(SL018011-2W-1TL+ Input)
C	Capacitor 1pF
R	Resister 150OHM

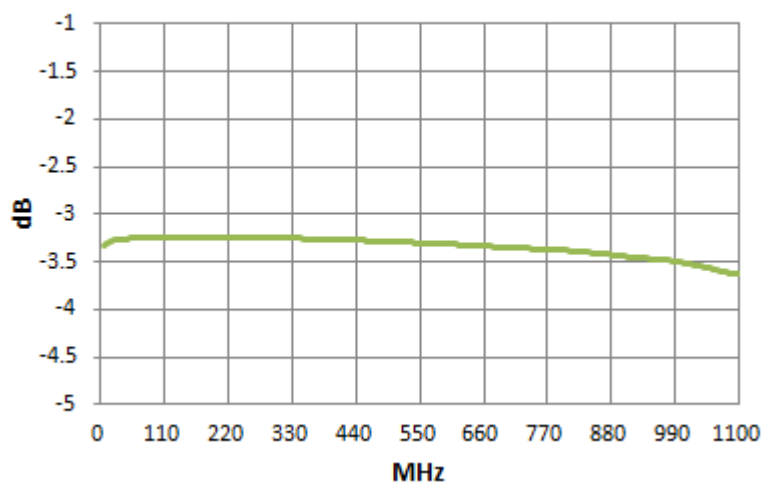
Electrical Specifications: TA=25°C, Zo=75Ω Pin=0dbm

Parameter	Test Conditions	Units	Min.	Typ.	Max.
insertion loss	5-1100MHz	dB	---	3.7	4.0
Input return loss	5-1100MHz	dB	20	25	---
Output return loss (Output1, Output2)	5-14MHz	dB	20	22	---
	15-65MHz	dB	30	35	---
	65-750MHz	dB	22	30	---
	750-1100MHz	dB	20	25	---
Isolation	5-14MHz	dB	20	22	---
	15-65MHz	dB	30	35	---
	65-1100MHz	dB	25	30	---
Phase Unbalance	5-1100MHz	degree	----	---	+/-4°
Amplitude Unbalance	5-1100MHz	dB	---	---	+/-0.5
Second order (-dB)		110(+58dBmV)			
Inter-Modulation (-dB)		105(+58dBmV)			
Test Impedance (50Ω,75Ω, etc.)		75OHM			
Operating Temperature		-20°C ~ +80°C			

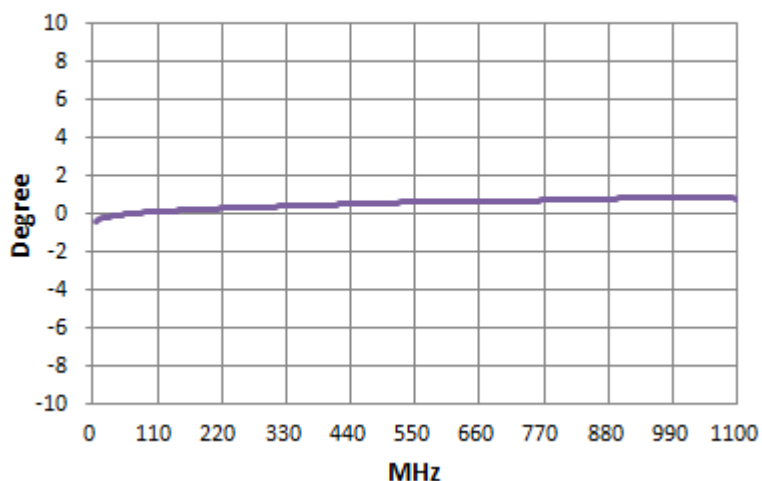
Insertion Loss 1-4



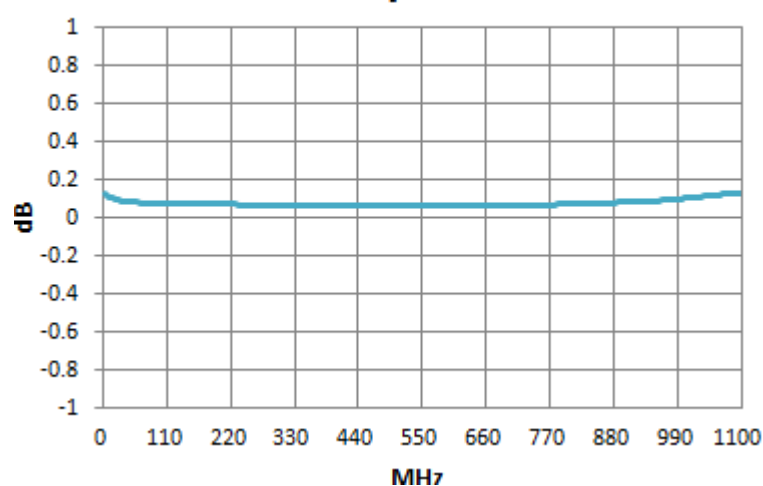
Insertion Loss 1-6



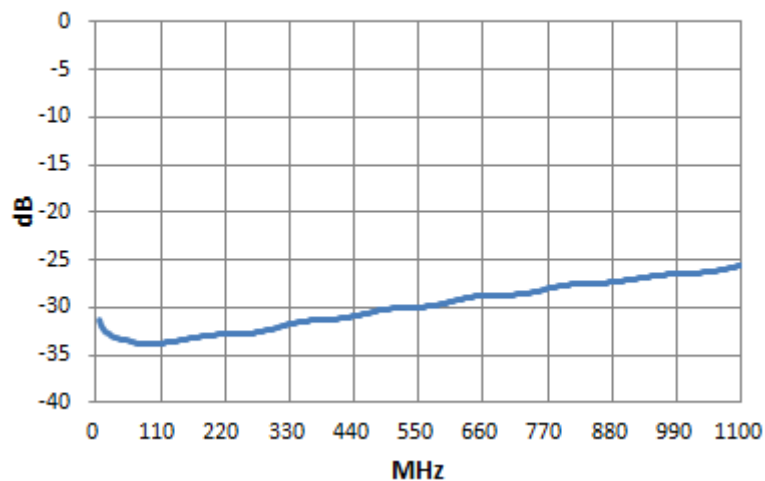
Phase



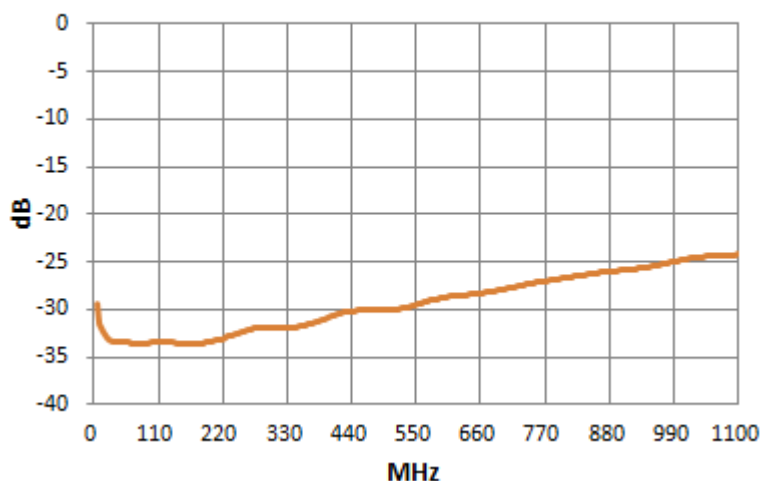
Amplitude



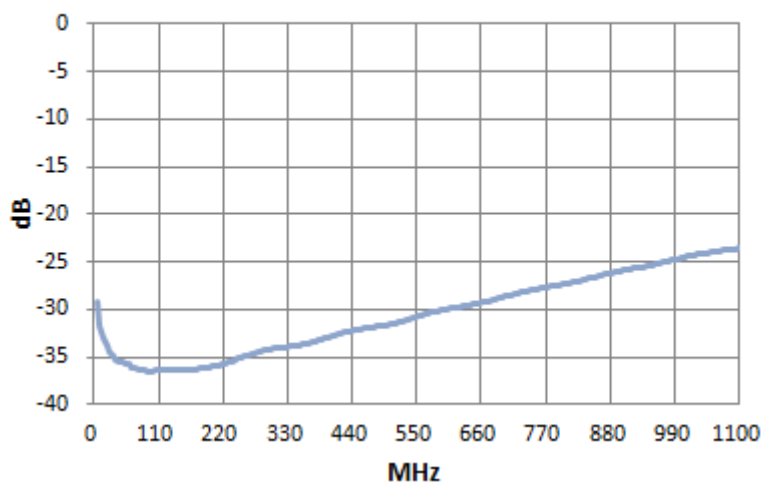
Input Return Loss



Output Return Loss pin3



Output Return Loss pin4



Isolation

