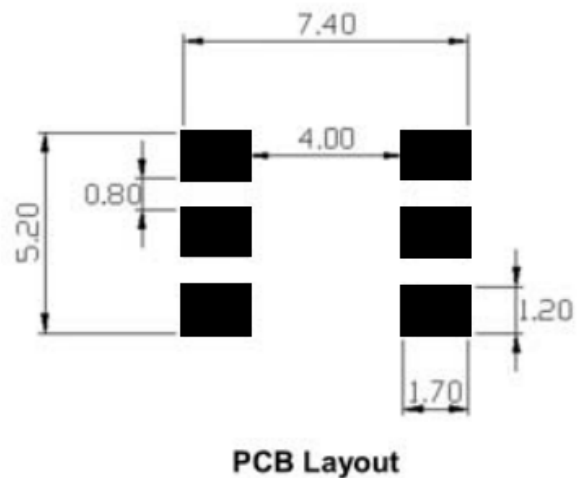
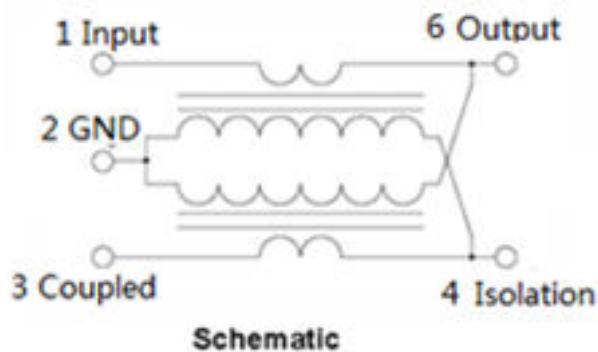
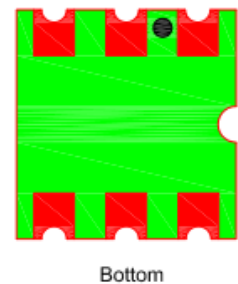
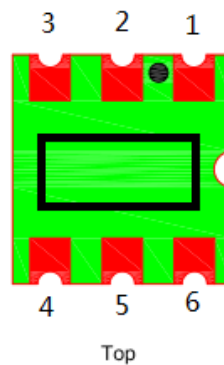
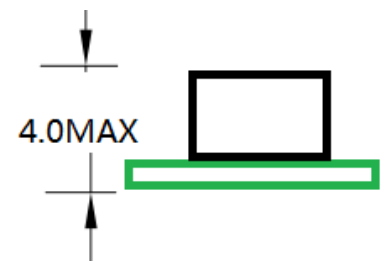
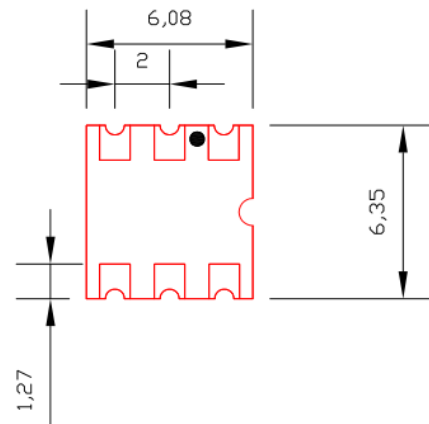
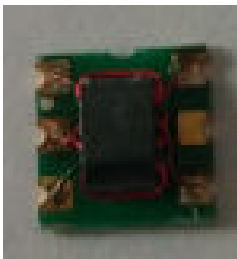


10dB coupler **Frequency: 5-1225MHZ.**

Feature:

- .10dB COUPLER.
- .SMT part.
- .Packaging 1300pcs per reel.
- .used in 75ohm systems.
- .Weld connect.

ROHS COMPLIANT



Description:

.LH SL018019-10DB-1TL is a 10dB coupler.

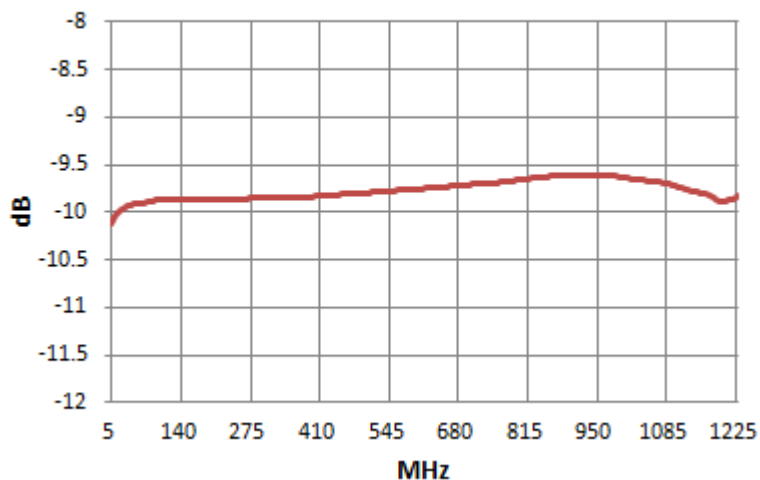
Low cost SMT transmission transformer designed high volume applications.

PIN CONFIGURATION

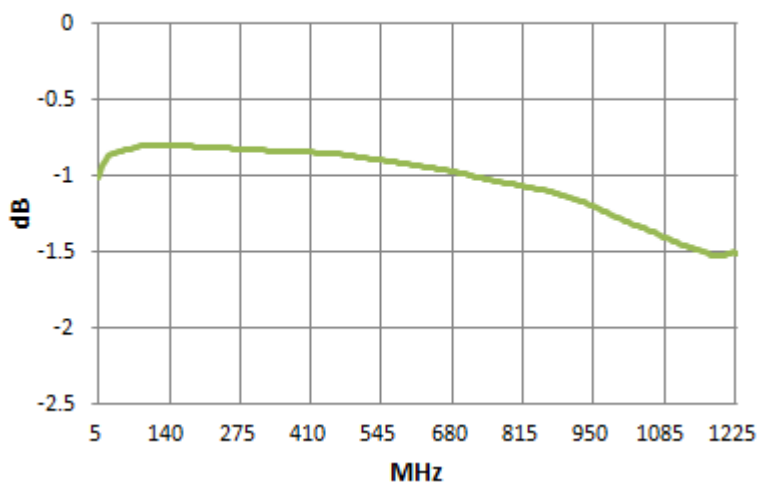
PIN	FUNCTION
1	Input
2	Ground
3	Coupled
4	Isolation
6	Output

Electrical Specifications: TA=25°C, Zo=75Ω					
Parameter	Test Conditions	Units	Min.	Typ.	Max.
Coupling Pin1-3	5-1225MHz	dB	10.6	10.0	9.4
Mainline Loss Pin1-6	5-1000MHz	dB	---	1.35	1.5
	1000-1225MHz	dB	---	1.65	1.8
Input return loss Pin1	5-500MHz	dB	17	19	-
	500-1225MHz	dB	12	15	-
Output return loss Pin6	5-500MHz	dB	17	20	-
	500-1225MHz	dB	12	14	-
Coupling Return Loss Pin3	5-500MHz	dB	11	13	-
	500-1225MHz	dB	15	17	-
Isolation	5-500MHz	dB	28	30	-
	500-1225MHz	dB	19	21	-
RF Power Rating (max)		500mW			
DC Current (max)		500mA			
Test Impedance (50Ω,75Ω, etc.)		75OHM			
Operating Temperature		-40°C to +85°C			
Storage Temperature		-40°C to +85°C			

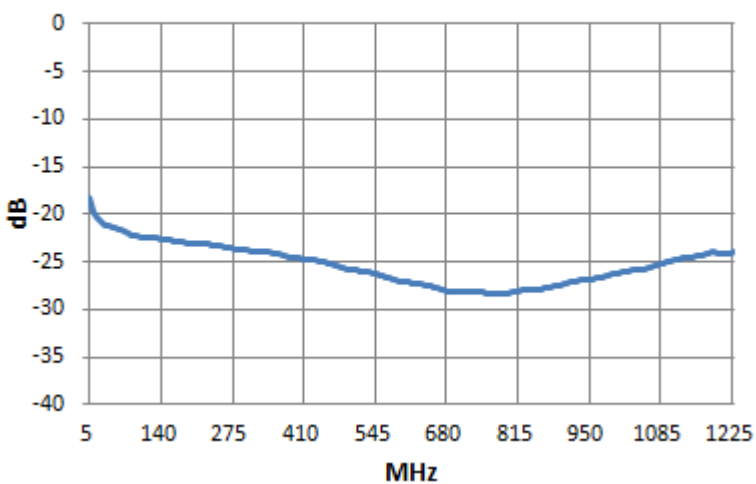
Coupling



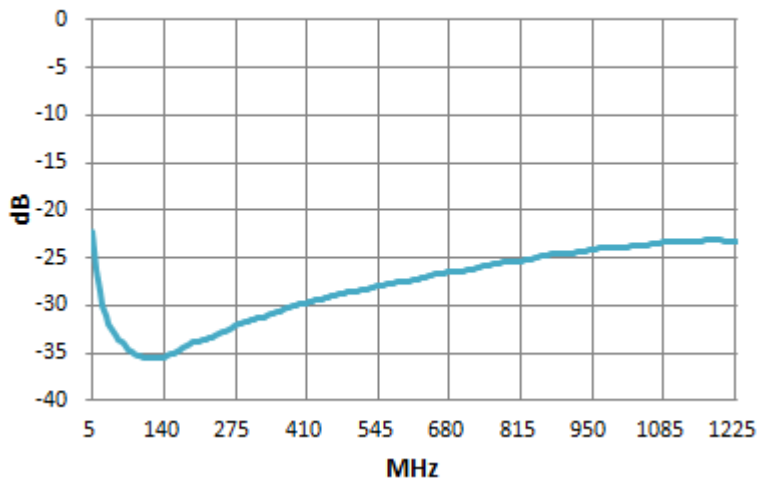
Mainline Loss



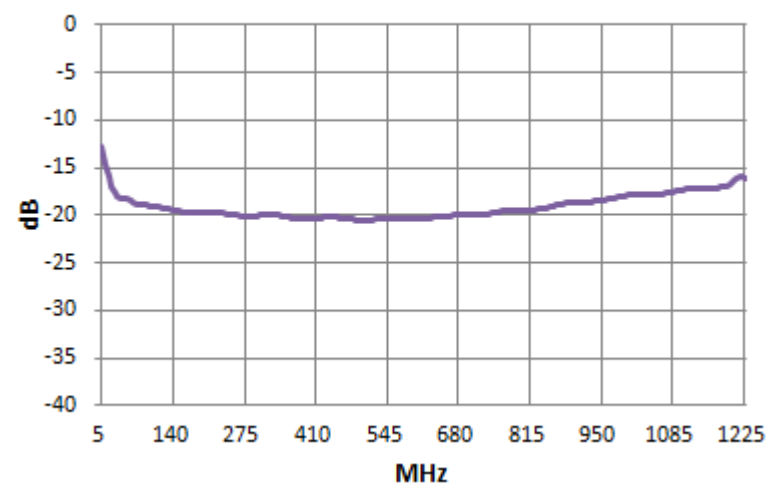
Input Return Loss



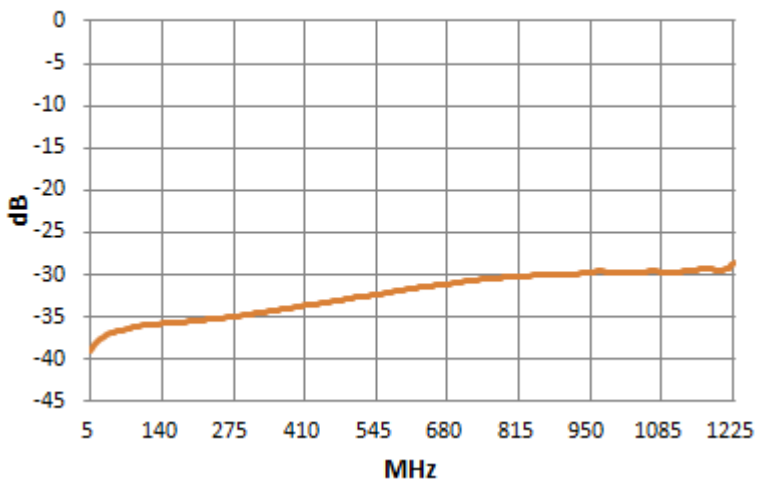
Output Return Loss



Coupling Return Loss



Isolation



Tape & Reel

Parameter	Units	Value
Reel Size	mm	330
Tape Width	mm	16.00
Pitch	mm	12.00

Carrier Tape

