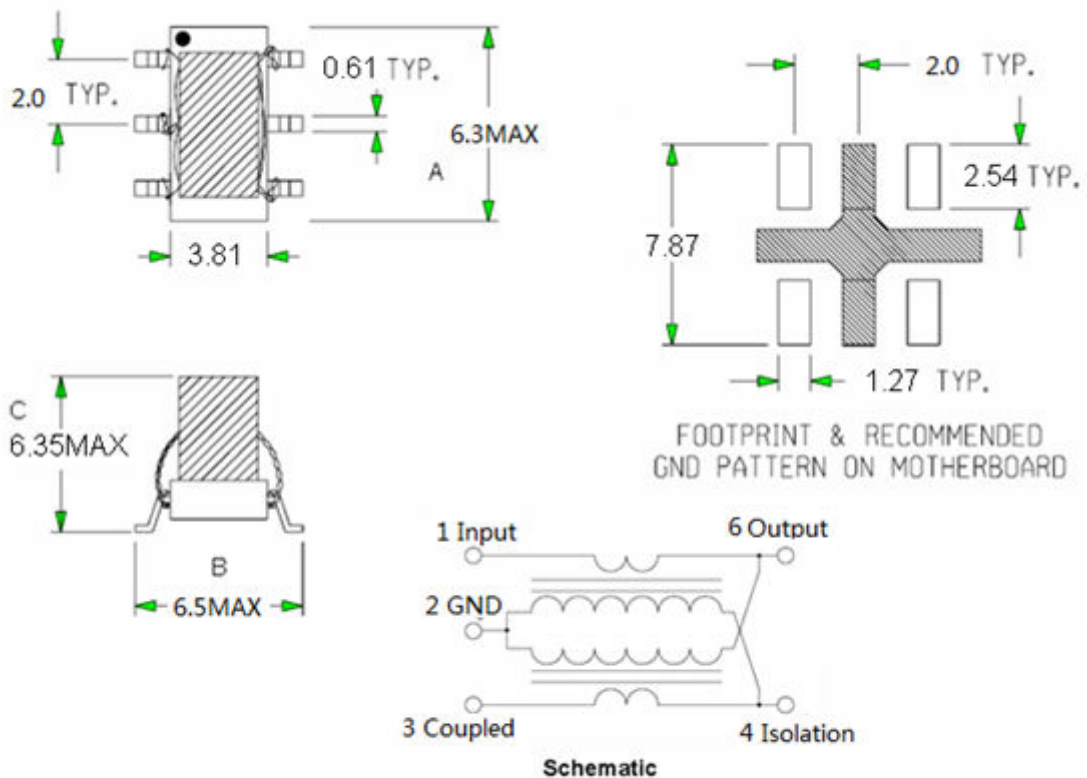
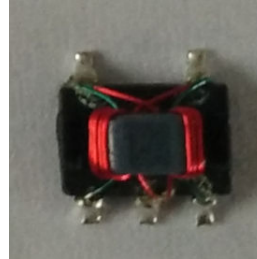


16dB coupler **Frequency: 5-1250MHZ.**

Feature:

- .16dB COUPLER.
- .SMT part.
- .Packaging 1300pcs per reel.
- .used in 75 and 50ohm systems.
- .Lead free solder.

ROHS COMPLIANT



All dimension tolerances $\pm 5\%$
unless otherwise specified.

Description:

.LH SL016037 is a 16dB coupler.

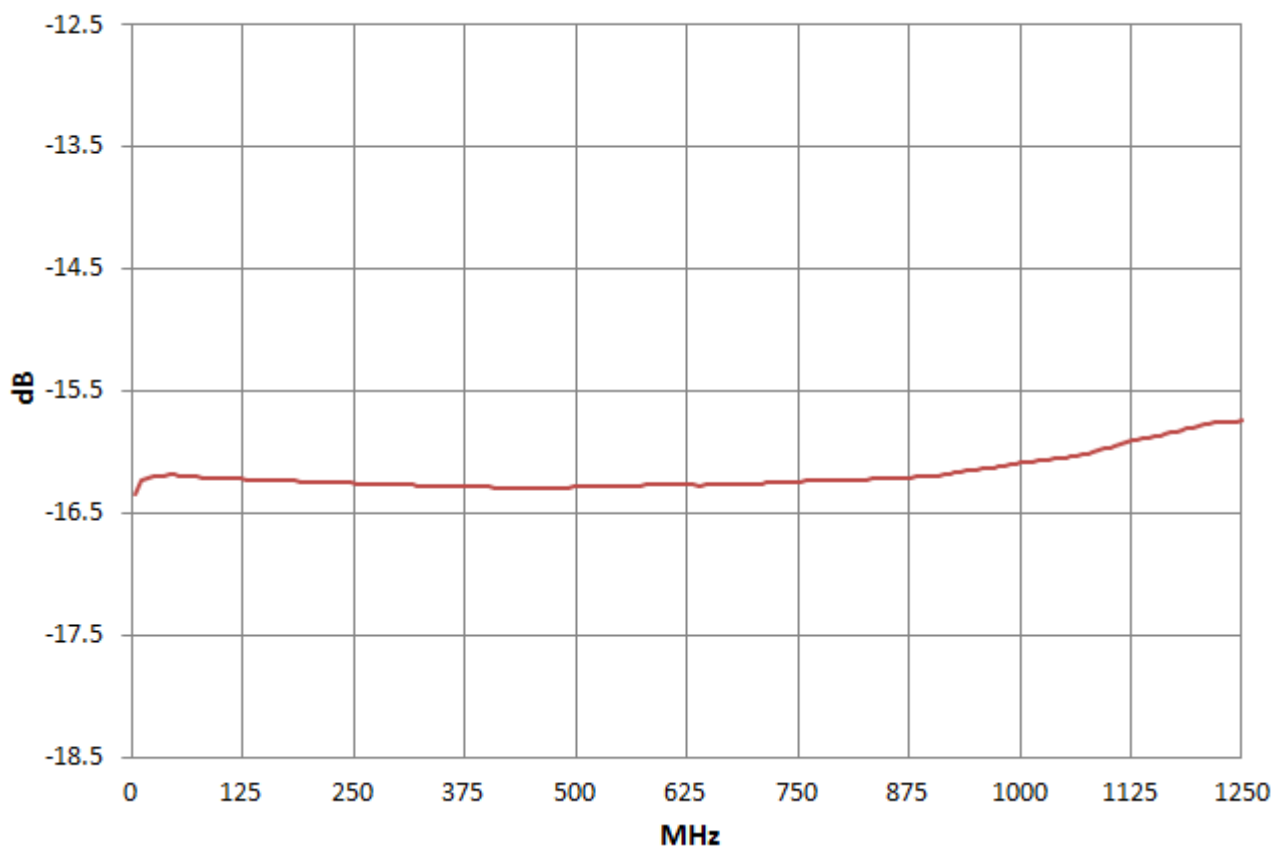
Low cost SMT transmission transformer designed high volume applications.

PIN CONFIGURATION

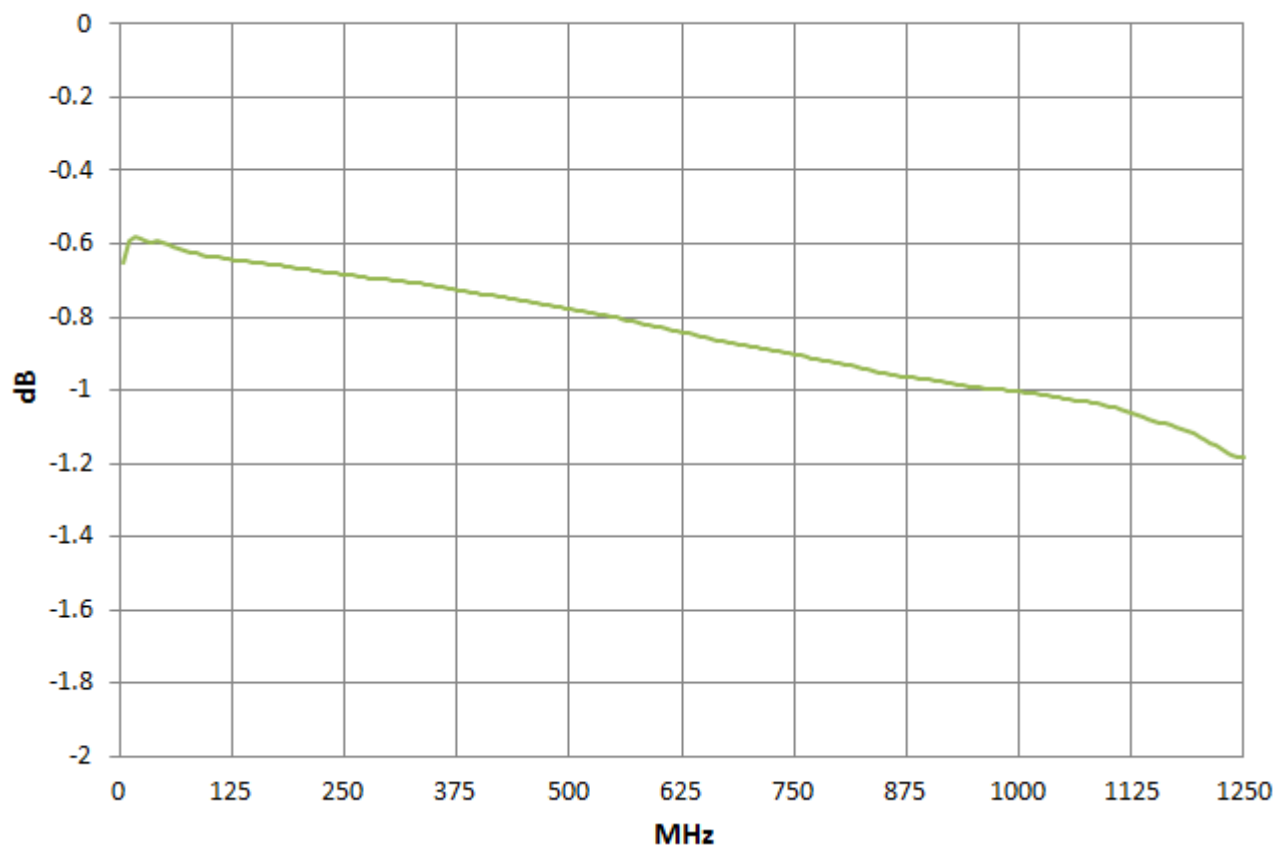
PIN	FUNCTION
1	Input
2	Ground
3	Coupled
4	External 75 ohms
6	Output

Electrical Specifications: TA=25°C, Zo=75Ω					
Parameter	Test Conditions	Units	Min.	Typ.	Max.
Coupling	5-1250MHz	dB	-15.7	-16.18	-16.7
flatness	5-1250MHz	dB			±0.5
Mainline Loss	5-1250MHz	dB	---	-1.1	-1.4
Input return loss	5-1250MHz	dB	-18	-23	-
Output return loss	5-1250MHz	dB	-18	-23	-
Coupling Return Loss	5-1250MHz	dB	-18	-23	-
Isolation	5-1250MHz	dB	-18	-23	-
RF Power Rating (max)		250mW			
DC Current (max)		30mA			
Test Impedance (50Ω,75Ω, etc.)		75OHM			
Operating Temperature		-40°C to +85°C			
Storage Temperature		-40°C to +85°C			

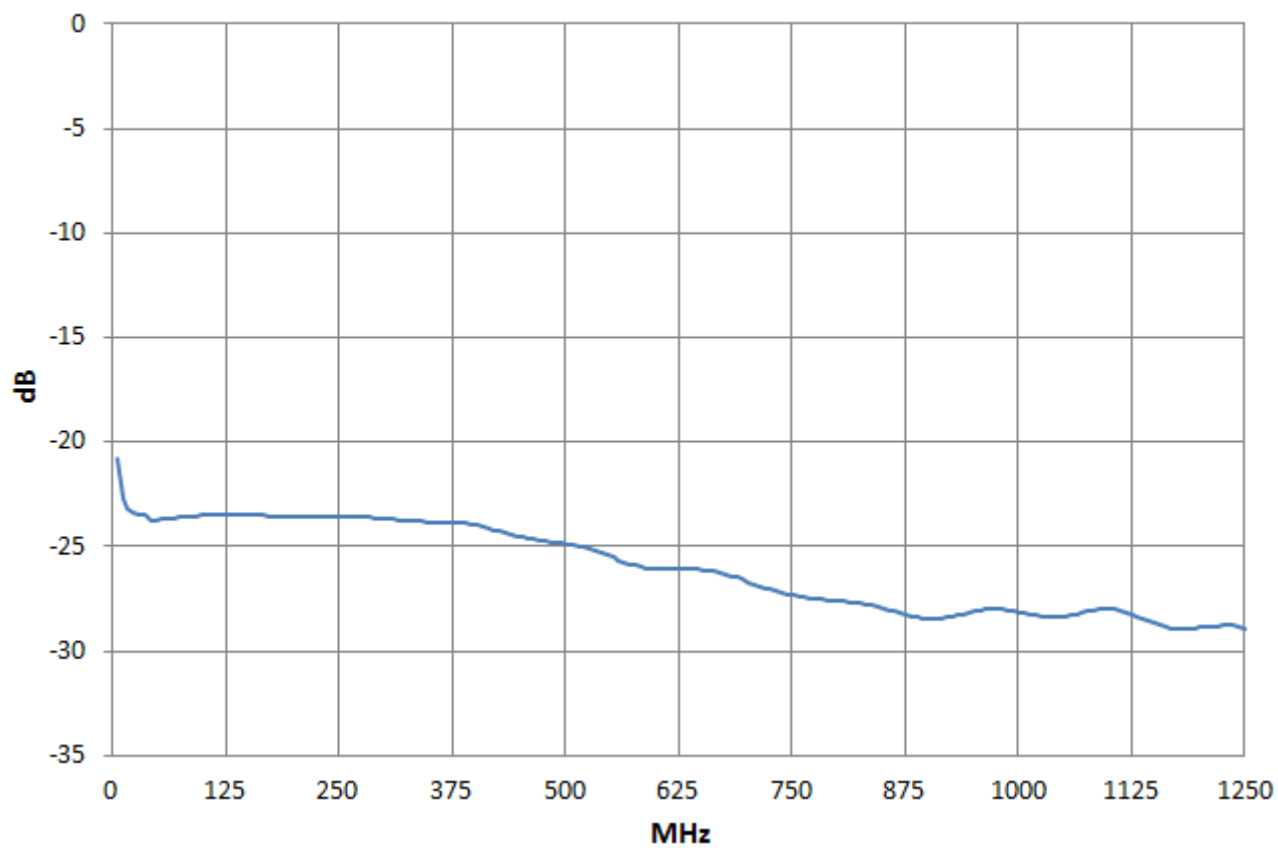
Coupling



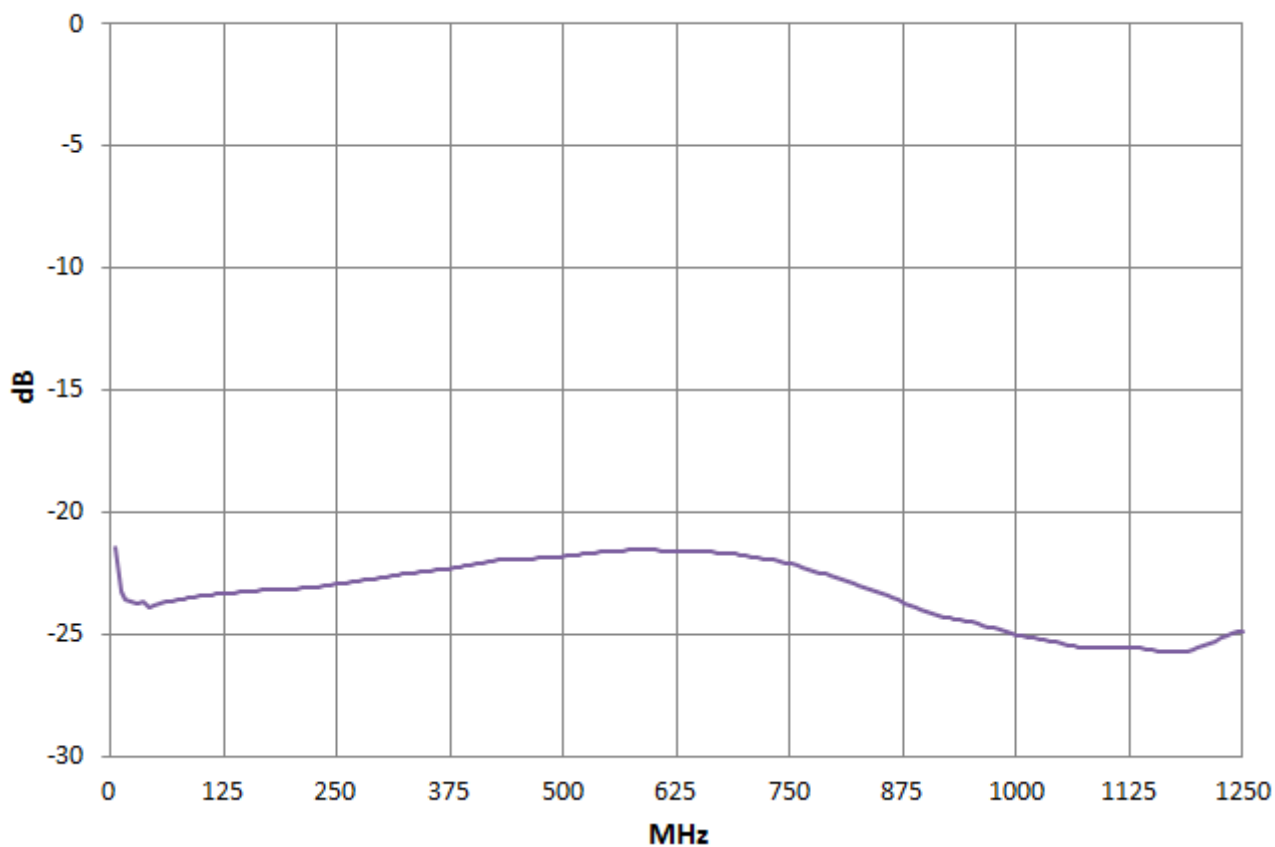
Mainline Loss



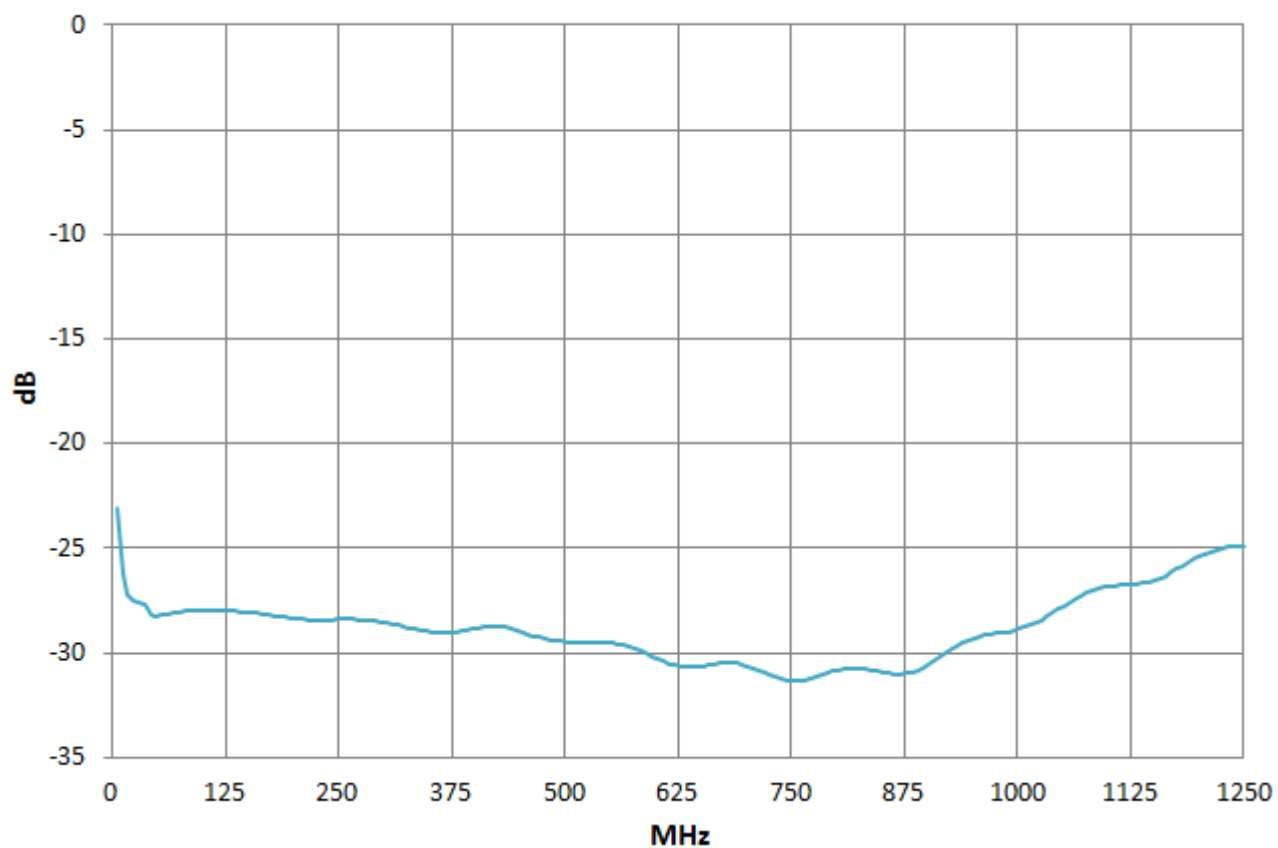
Input Return Loss



Coupling Return Loss



Output Return Loss



Isolation

