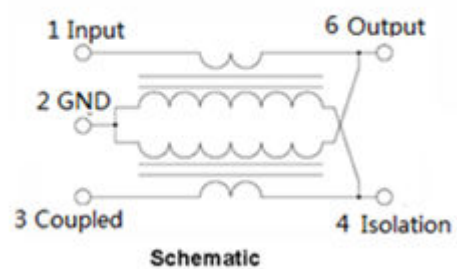
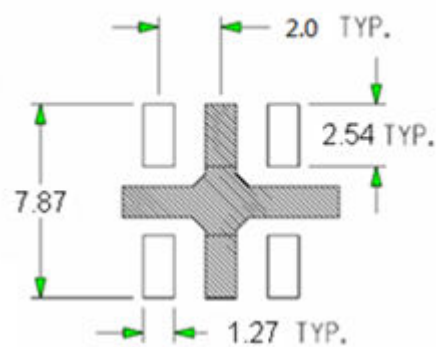
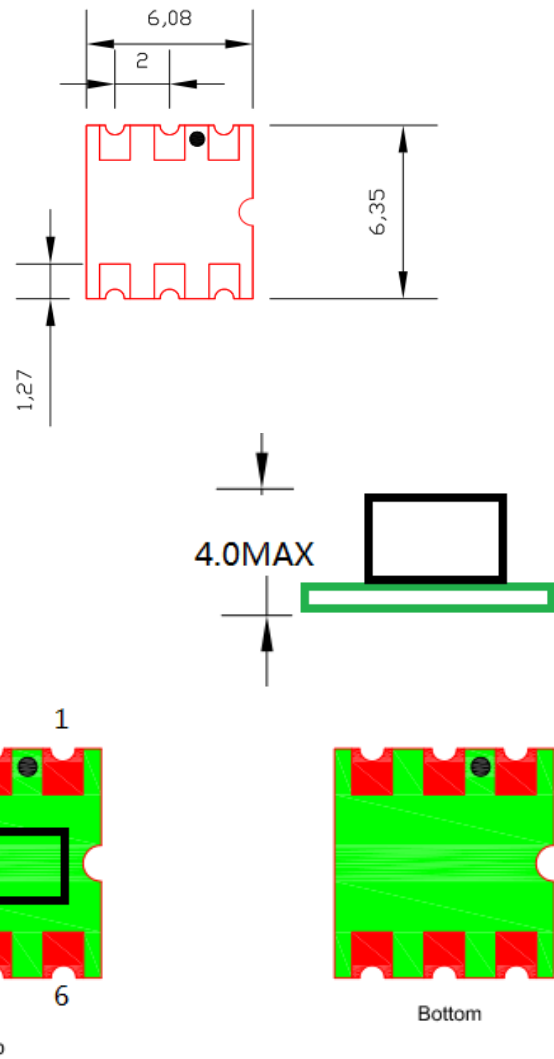
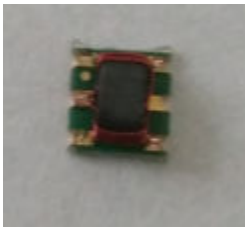


16dB coupler **Frequency: 5-1225MHZ.**

Feature:

- .16dB COUPLER.
- .SMT part.
- .Packaging 1000pcs per reel.
- .used in 75ohm systems.
- .Weld connected.

ROHS COMPLIANT



Description:

.LH SL016087 is a 16dB coupler.

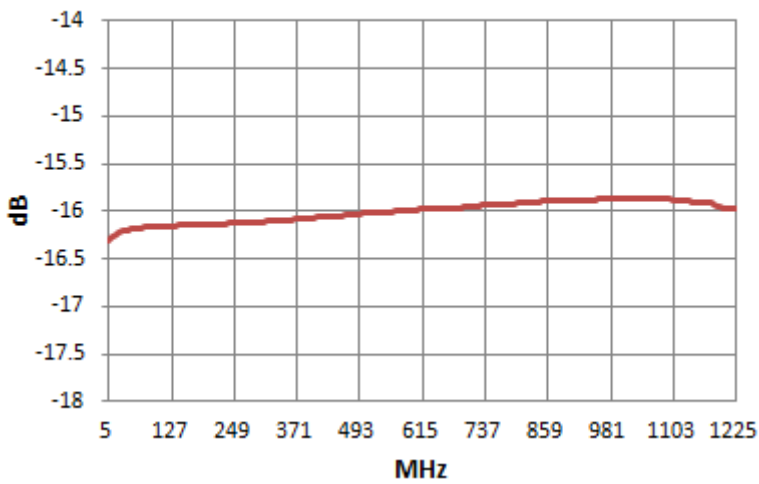
Low cost SMT transmission transformer designed high volume applications.

PIN CONFIGURATION

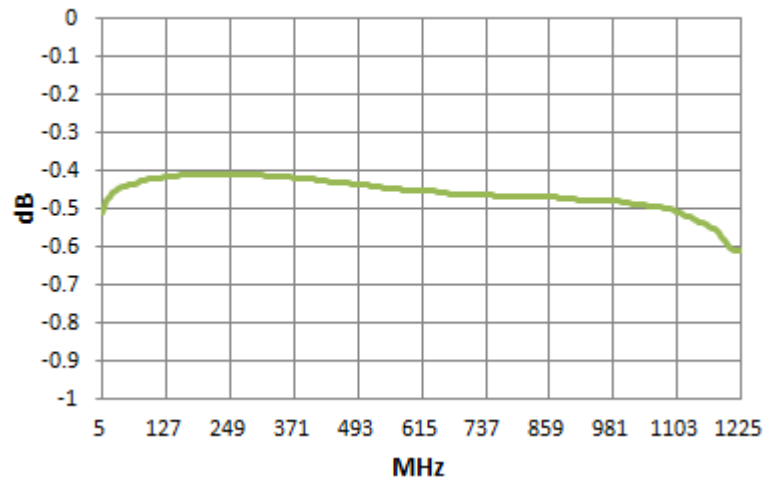
PIN	FUNCTION
1	Input
2	Ground
3	Coupled
4	External 50 ohms
6	Output

Electrical Specifications: TA=25°C, Zo=75Ω					
Parameter	Test Conditions	Units	Min.	Typ.	Max.
Coupling	5-1225MHz	dB	-15.7	-16	-16.7
Mainline Loss	5-1000MHz	dB	---	-0.8	-0.9
	1000-1225MHz	dB	---	-0.1.0	-1.2
Input return loss Pin1	5-500MHz	dB	-20	22	-
	500-1225MHz	dB	-16	18	-
Output return loss Pin6	5-500MHz	dB	-20	22	-
	500-1225MHz	dB	-14	16	-
Coupling Return Loss Pin3	5-500MHz	dB	-20	22	-
	500-1225MHz	dB	-14	16	-
Isolation	5-500MHz	dB	-31	34	-
	500-1225MHz	dB	-26	28	-
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			

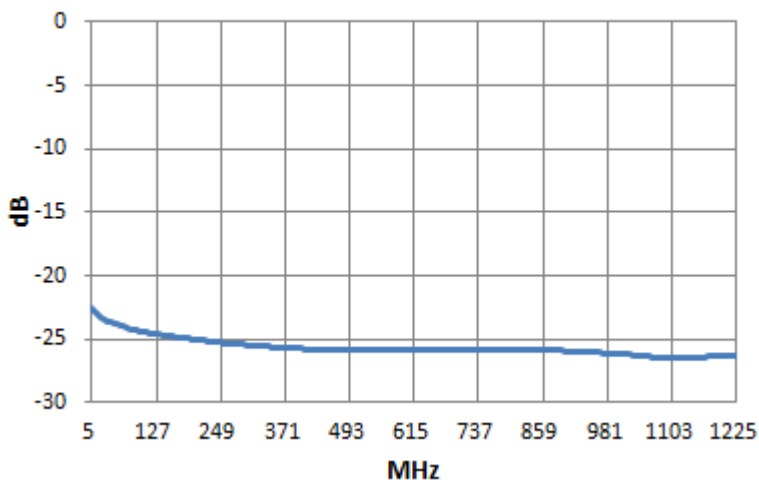
Coupling



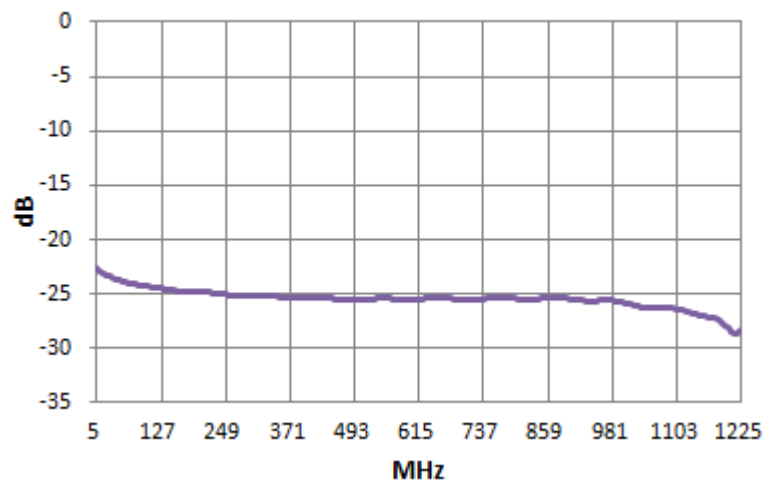
Mainline Loss



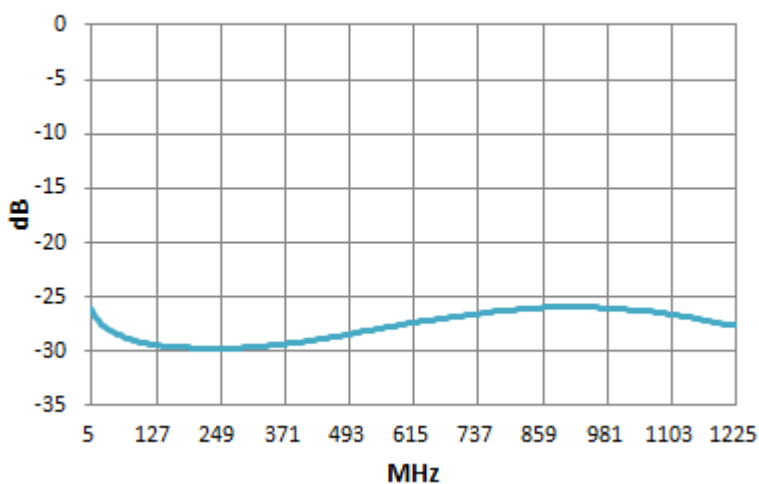
Input Return Loss



Coupling Return Loss



Output Return Loss



Isolation

