

12dB coupler Frequency: 5-1200MHZ.

Feature:

.12dB COUPLER.

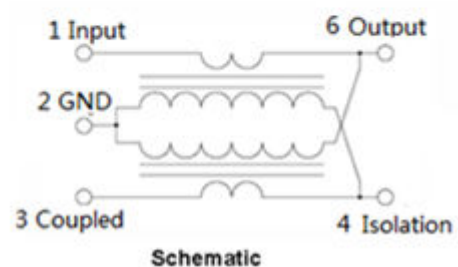
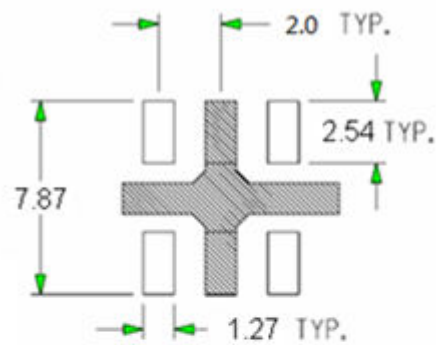
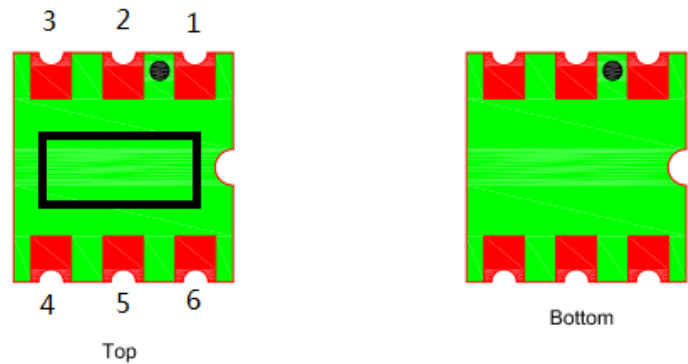
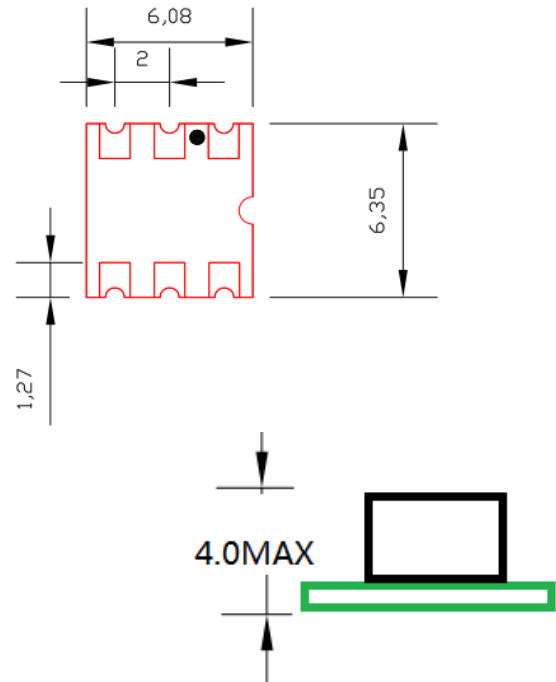
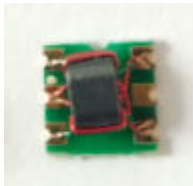
.SMT part.

.Packaging 1300pcs per reel.

.used in 50ohm systems.

.Lead free solder.

ROHS COMPLIANT



Description:

.LH SL016057 is a 12dB coupler.

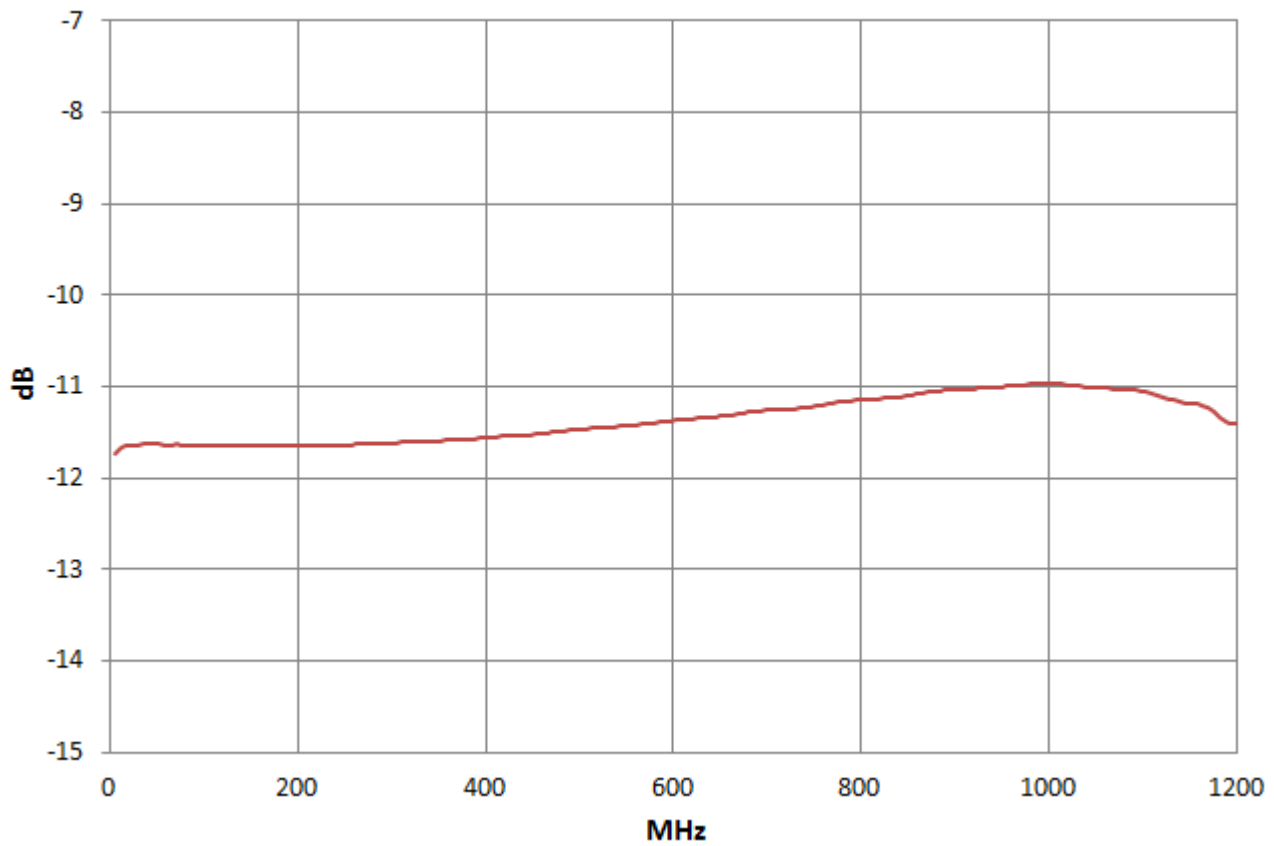
Low cost SMT transmission transformer designed high volume applications.

PIN CONFIGURATION

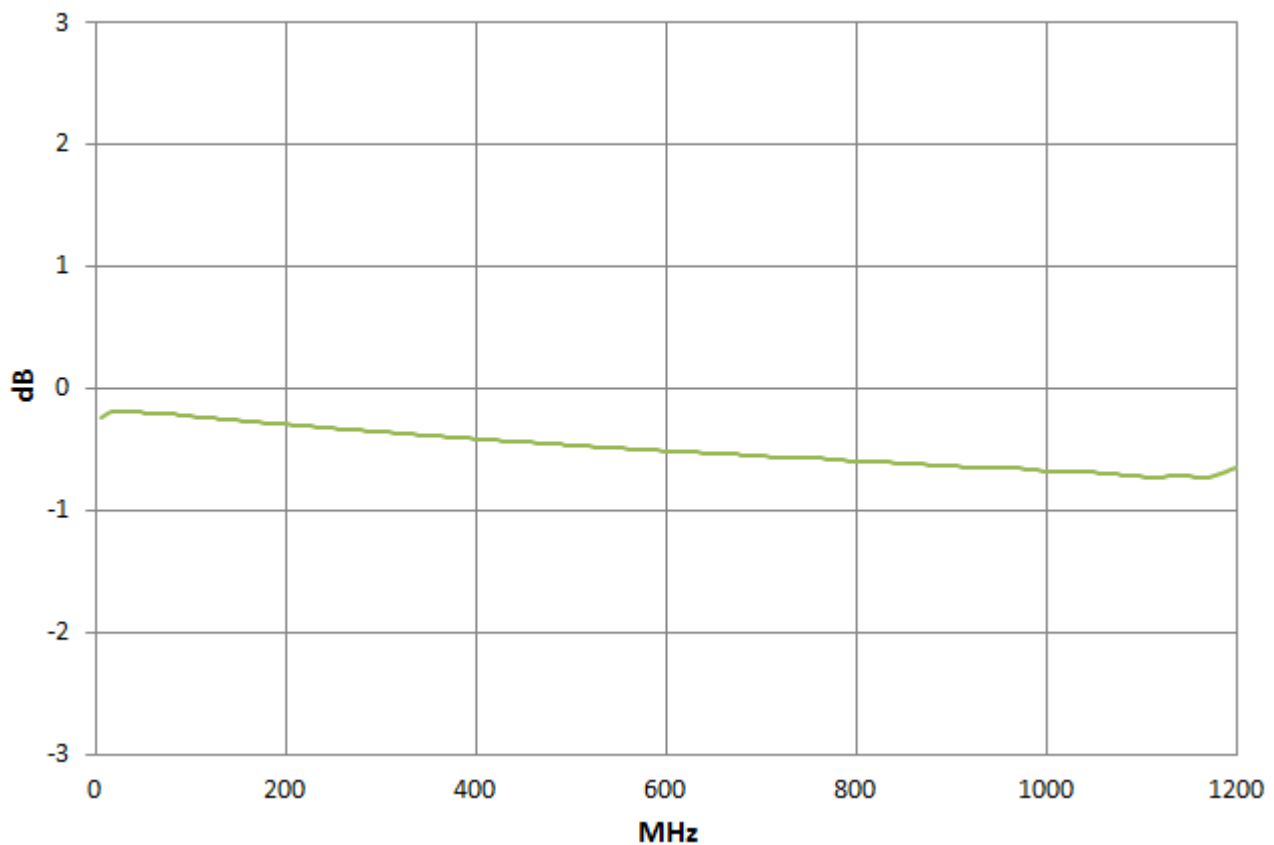
PIN	FUNCTION
1	Input
2	Ground
3	Coupled
4	External 50 ohms
6	Output

Electrical Specifications: TA=25°C, Zo=50Ω					
Parameter	Test Conditions	Units	Min.	Typ.	Max.
Coupling	5-1200MHz	dB	-10.8	-11.7	-12.5
Mainline Loss	5-1200MHz	dB	---	-0.85	-1.2
Input return loss	5-1200MHz	dB	-15	---	-
Output return loss	5-1200MHz	dB	-20	---	-
Coupling Return Loss	5-1200MHz	dB	-13	---	-
Isolation	5-1200MHz	dB	-20	---	-
RF Power Rating (max)	250mW				
DC Current (max)	30mA				
Test Impedance (50Ω,75Ω, etc.)	50OHM				
Operating Temperature	-40°C to +85°C				
Storage Temperature	-40°C to +85°C				

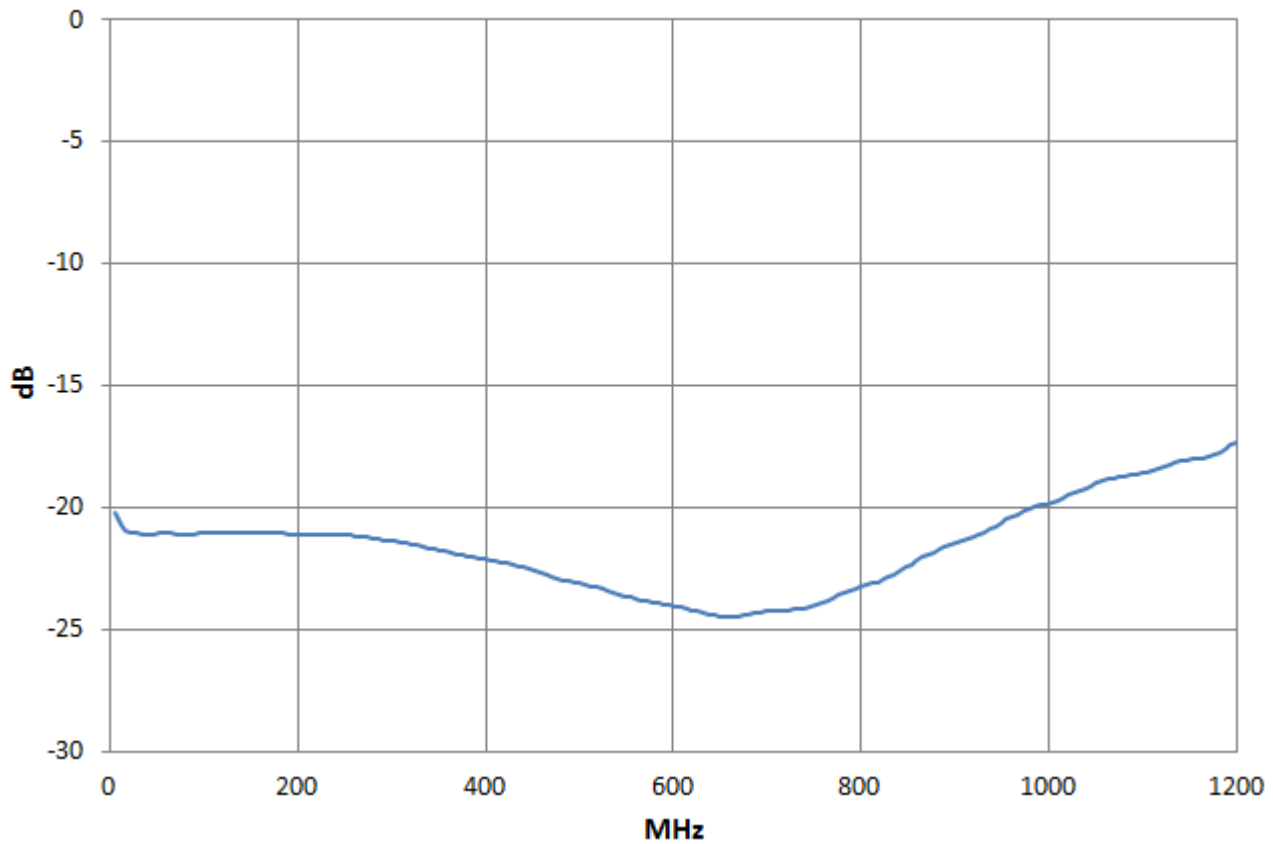
Coupling



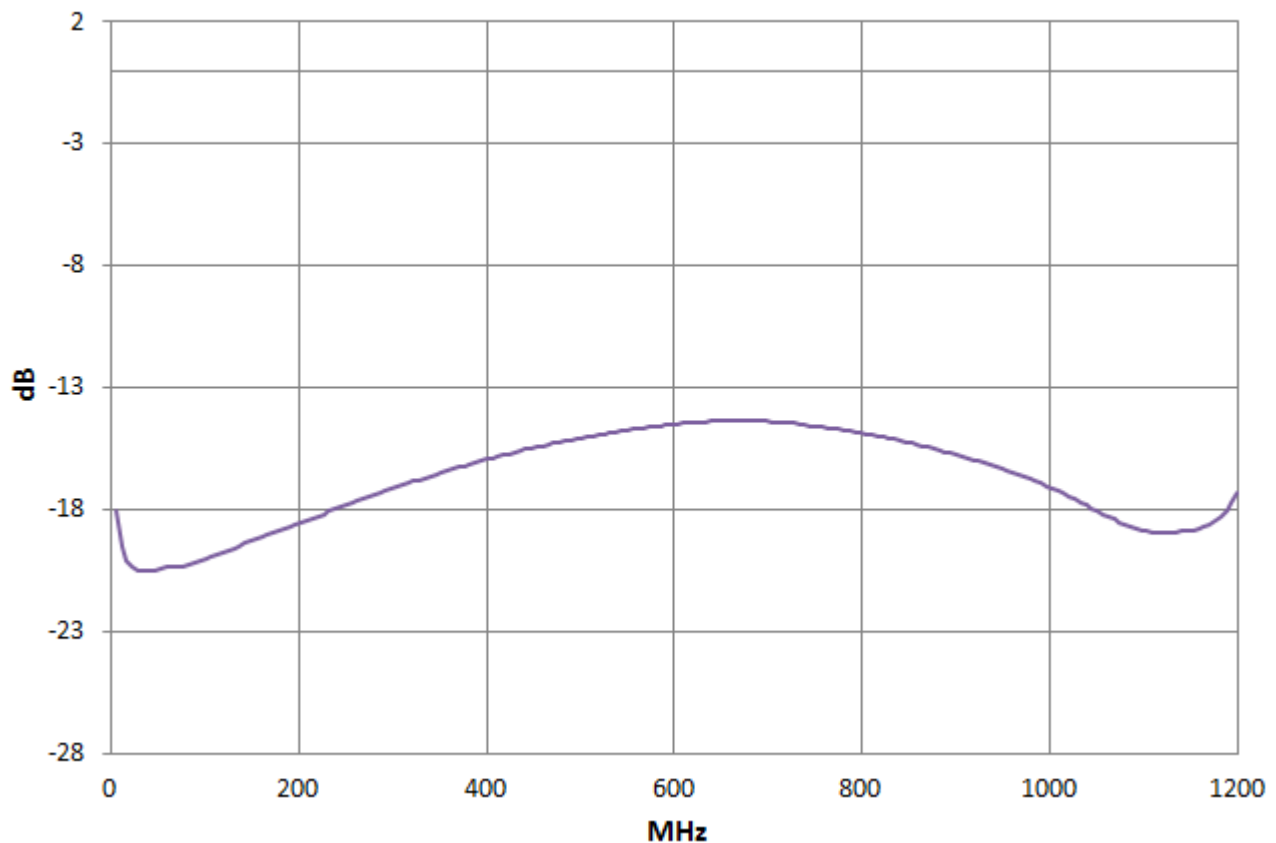
Mainline Loss



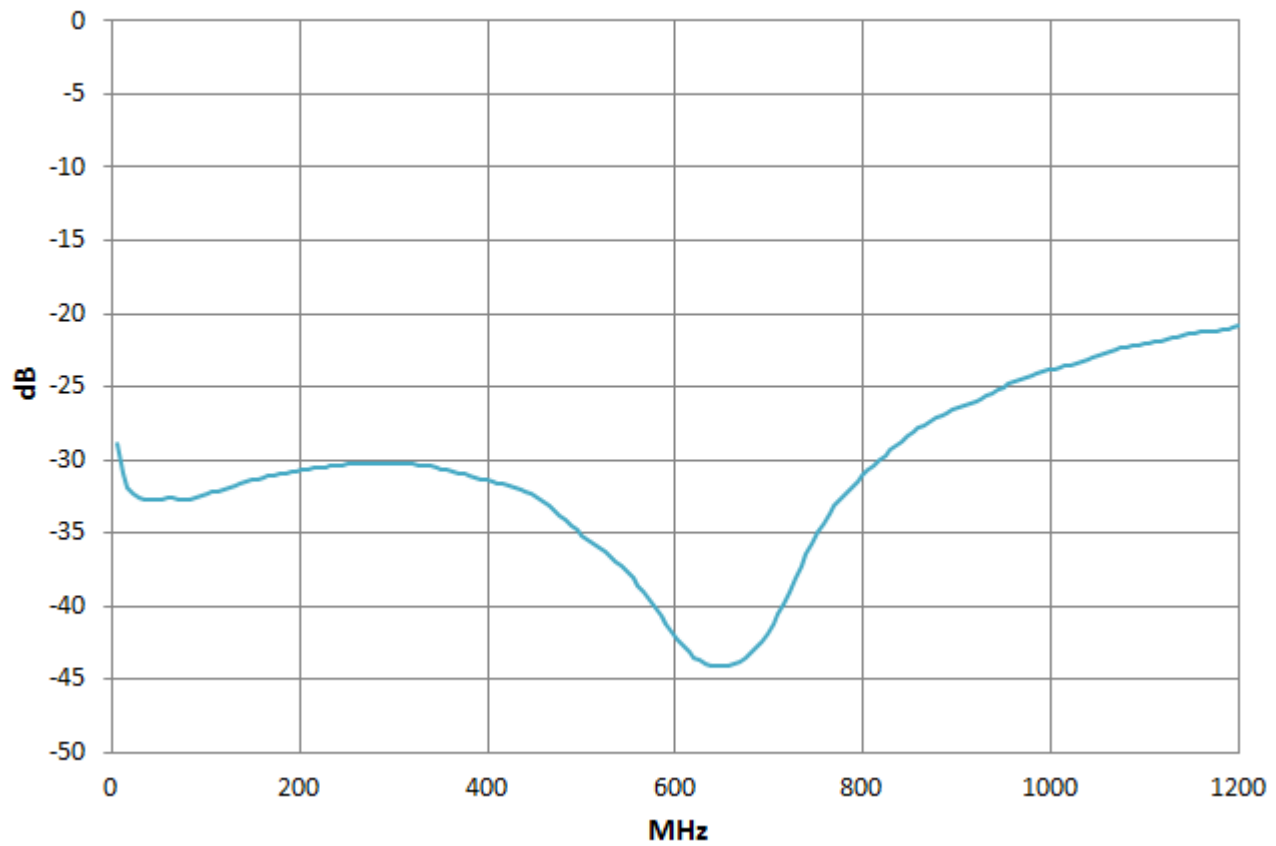
Input Return Loss



Coupling Return Loss



Output Return Loss



Isoaltion

