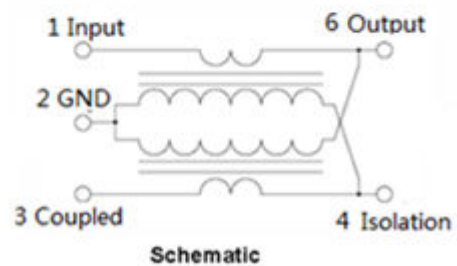
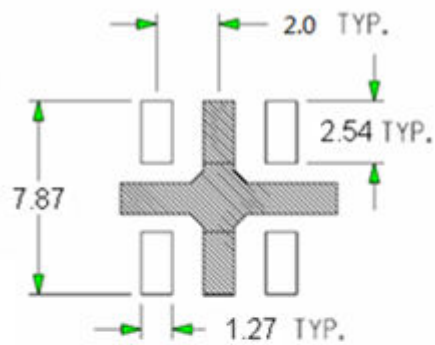
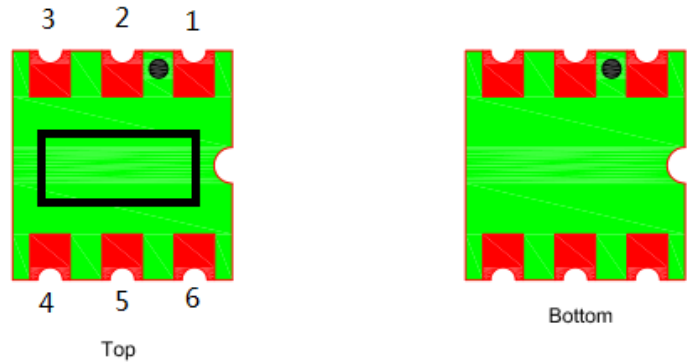
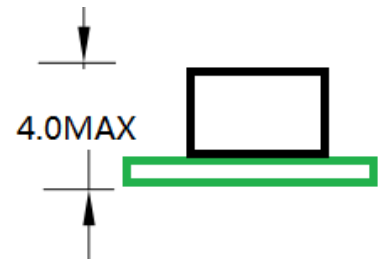
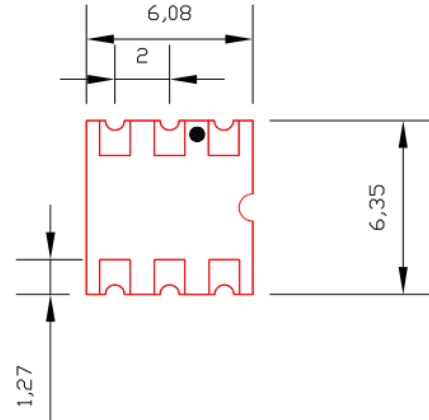
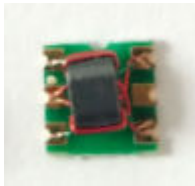


10dB coupler Frequency: 5-1200MHZ.

Feature:

- .10dB COUPLER.
- .SMT part.
- .Packaging 1300pcs per reel.
- .used in 50ohm systems.
- .Lead free solder.

ROHS COMPLIANT





Description:

.LH SL016056 is a 10dB coupler.

Low cost SMT transmission transformer designed high volume applications.

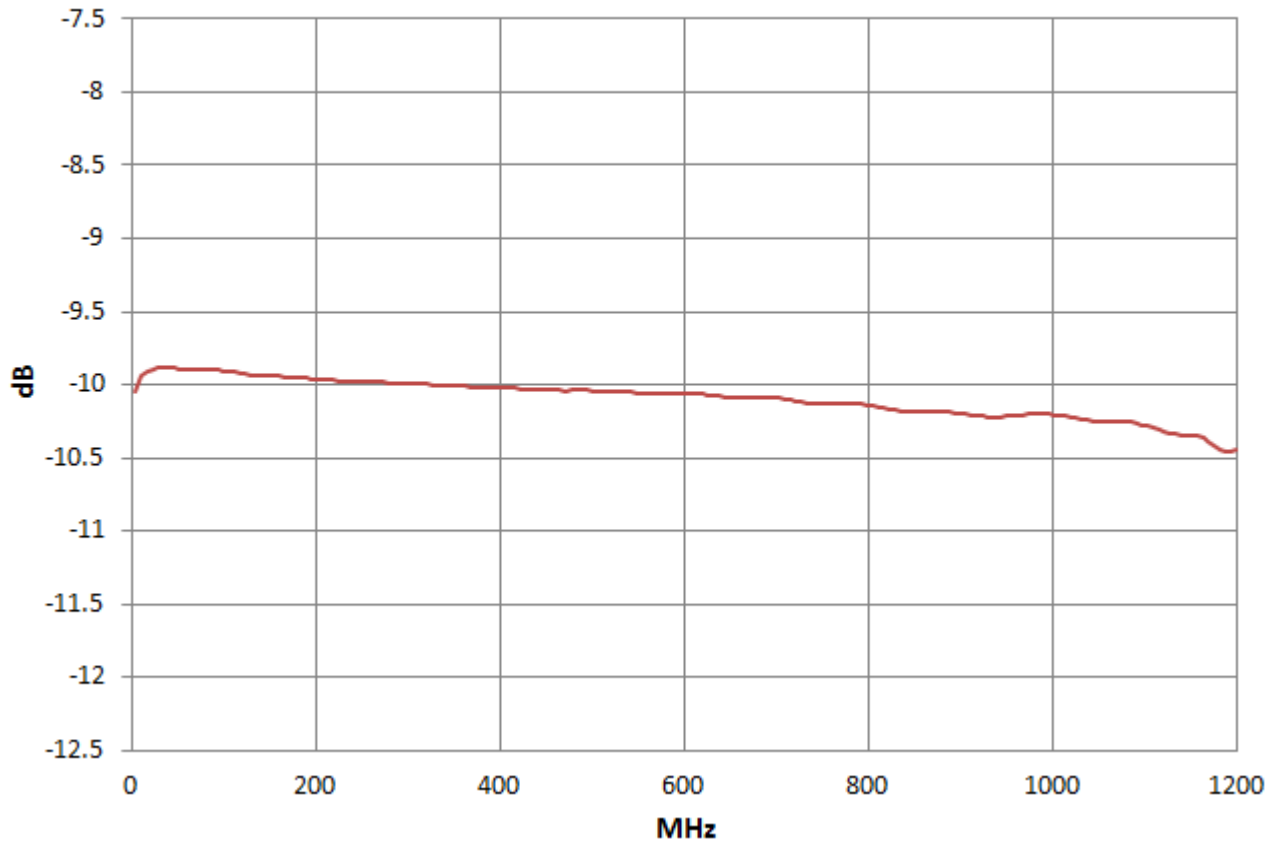
PIN CONFIGURATION

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

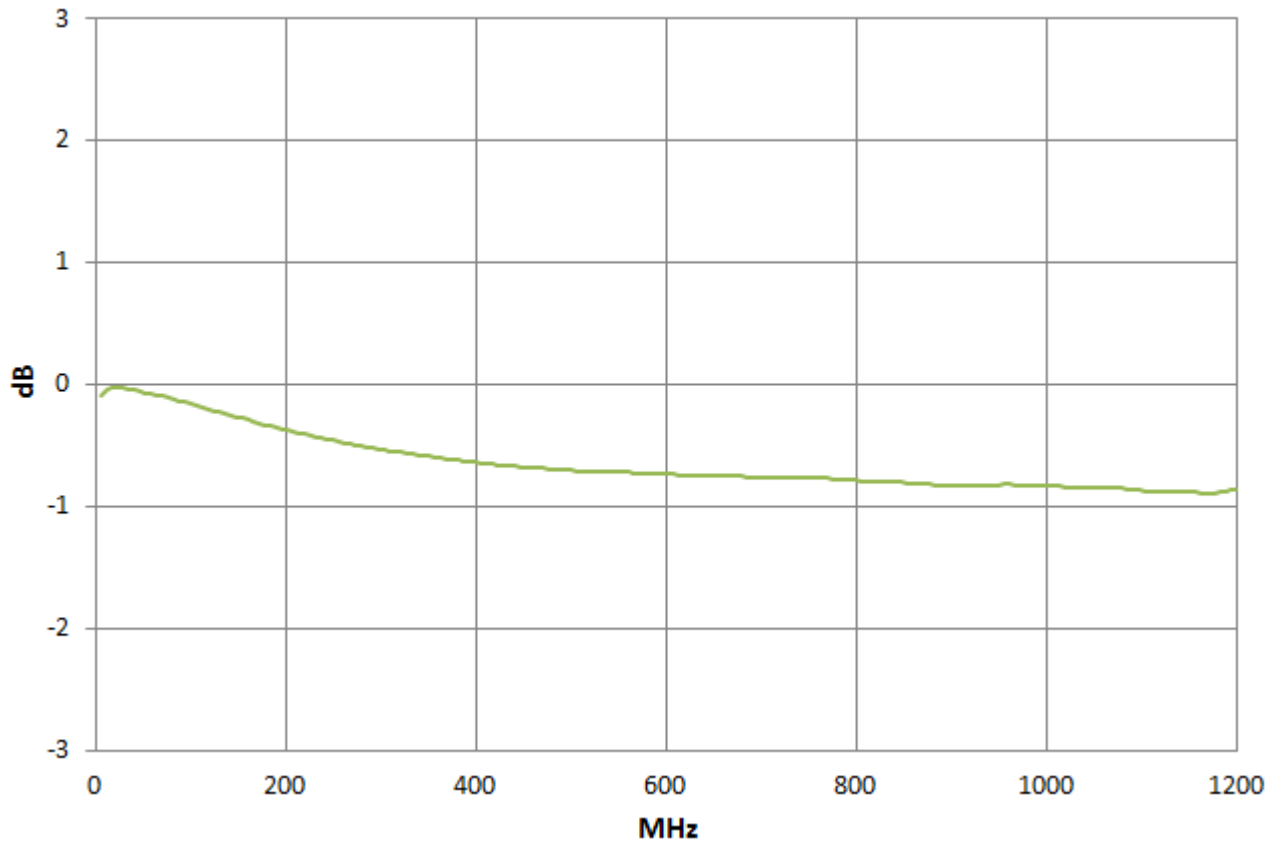
Electrical Specifications: TA=25°C, Zo=50Ω					
Parameter	Test Conditions	Units	Min.	Typ.	Max.
Coupling	5-1200MHz	dB	-9.5	-9.8	-10.8
Mainline Loss	5-1200MHz	dB	---	-0.92	-1.4
Input return loss	5-1200MHz	dB	-14	---	-
Output return loss	5-1200MHz	dB	-20	---	-
Coupling Return Loss	5-1200MHz	dB	-6	---	-
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

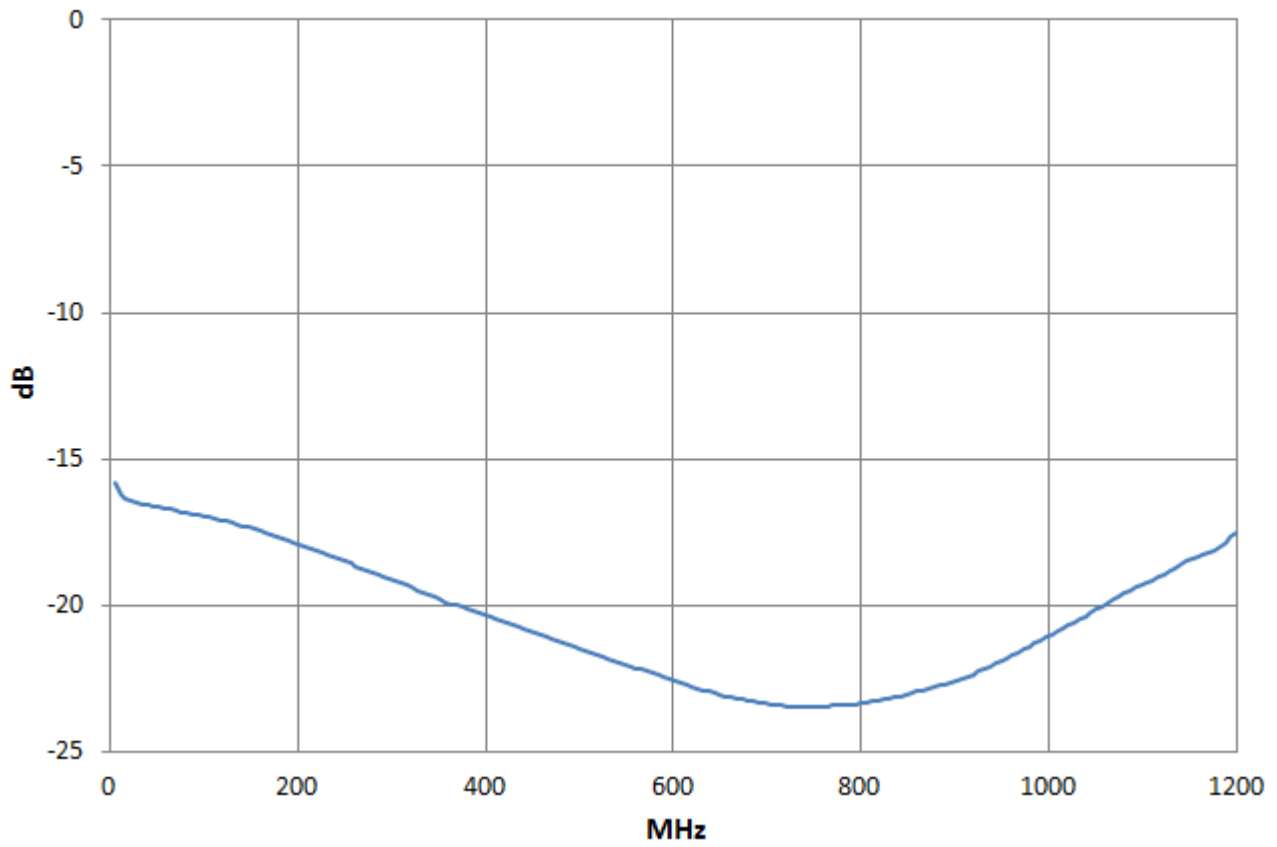


Mainline Loss

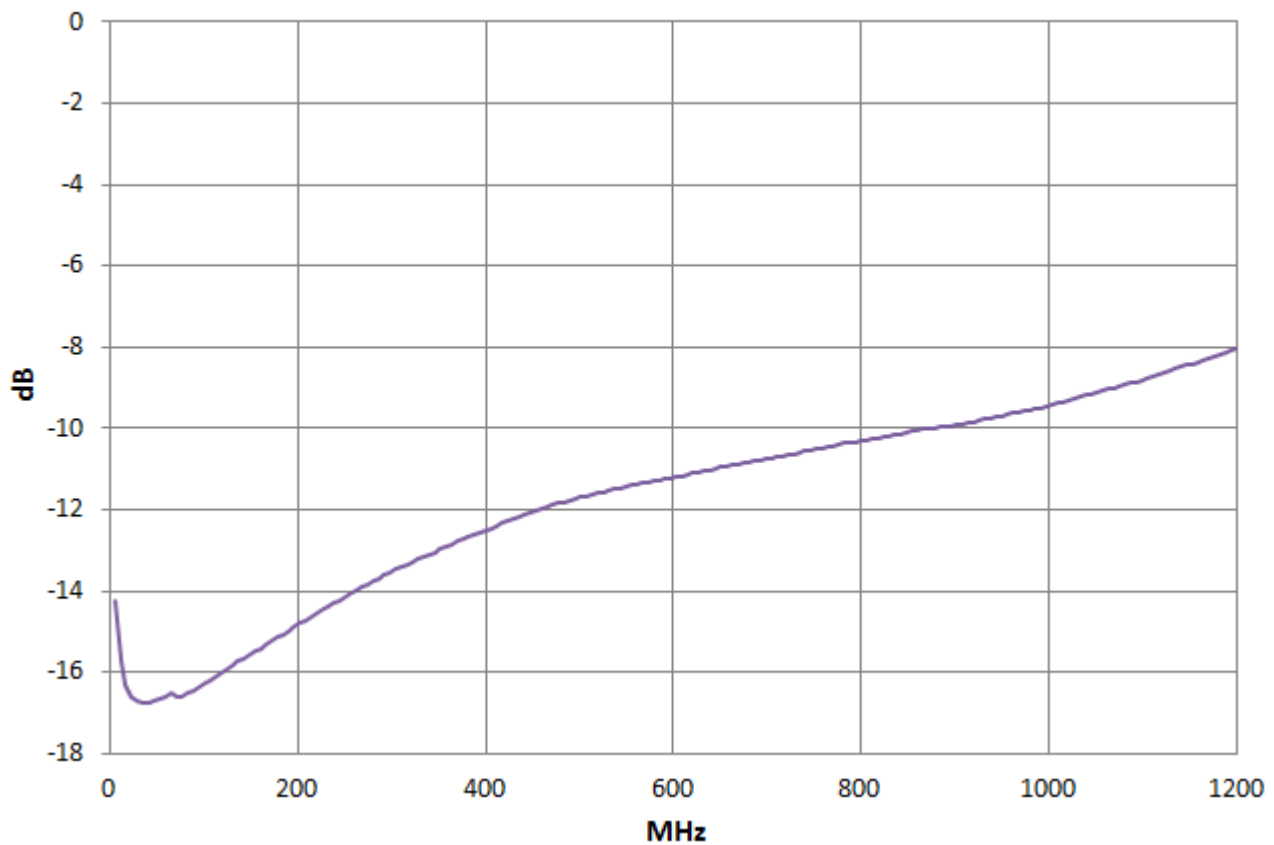




Input Return Loss

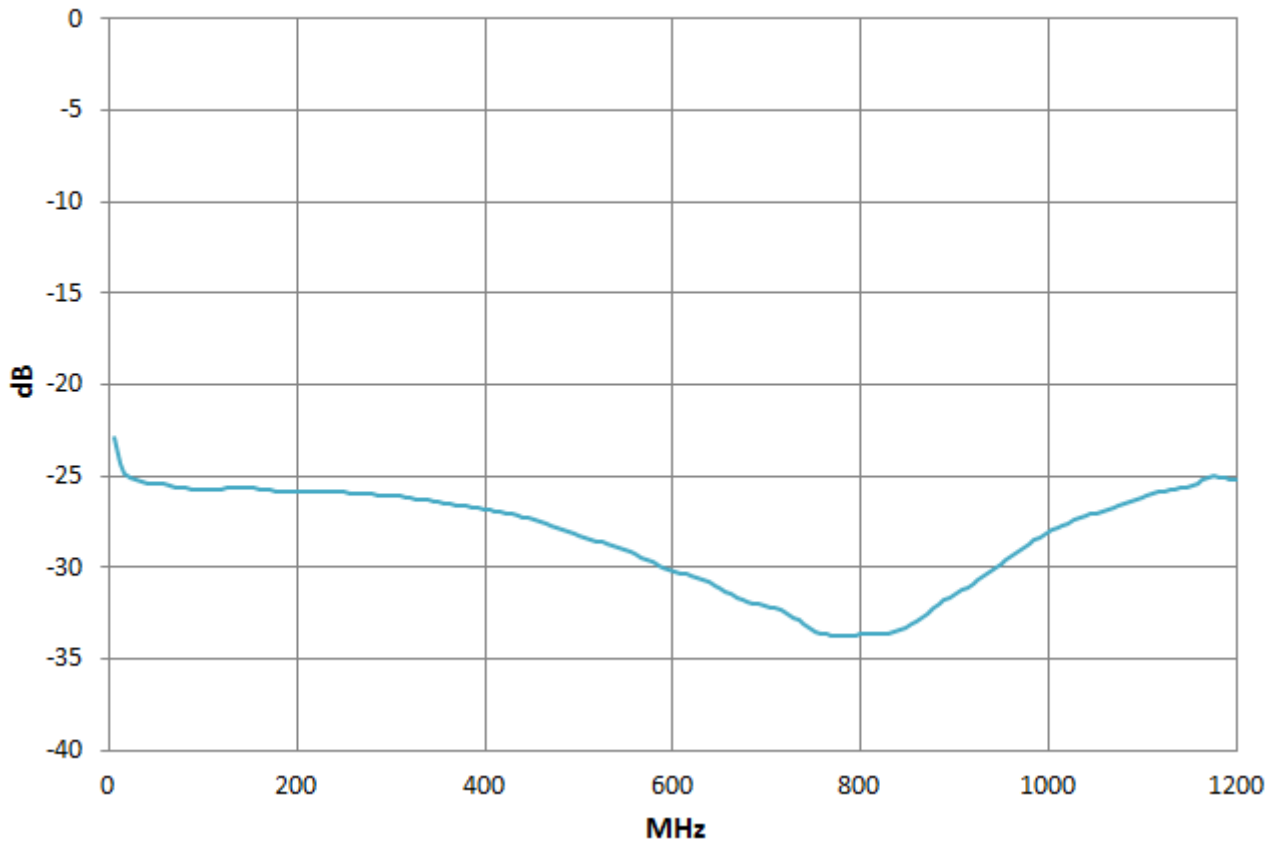


Coupling Return Loss





Output Return Loss



Isoaltion

