



立华电子

LH Corporation

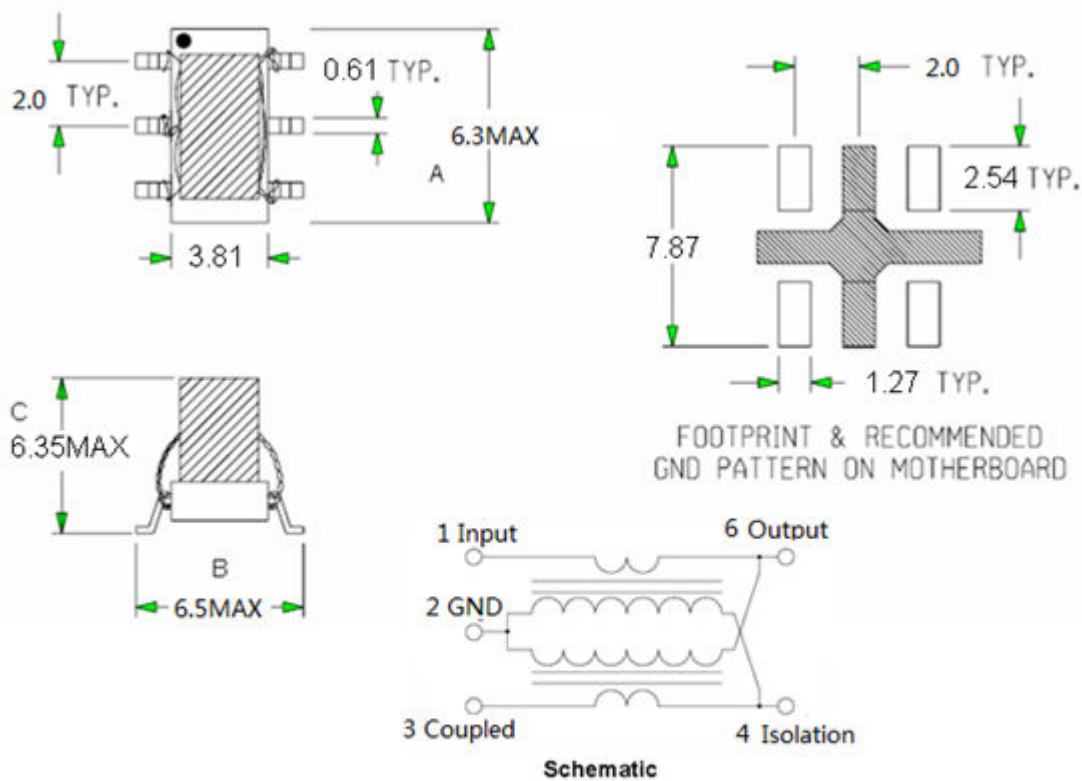
SL016035 5-1000MHZ 8db coupler

8dB coupler **Frequency: 5-1000MHZ.**

Feature:

- .8dB COUPLER.
- .SMT part.
- .Packaging 1300pcs per reel.
- .used in 50ohm systems.
- .Lead free solder.

ROHS COMPLIANT



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



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SL016035 5-1000MHZ 8db coupler

Description:

.LH SL016035 is a 8dB coupler.

Low cost SMT transmission transformer designed high volume applications.

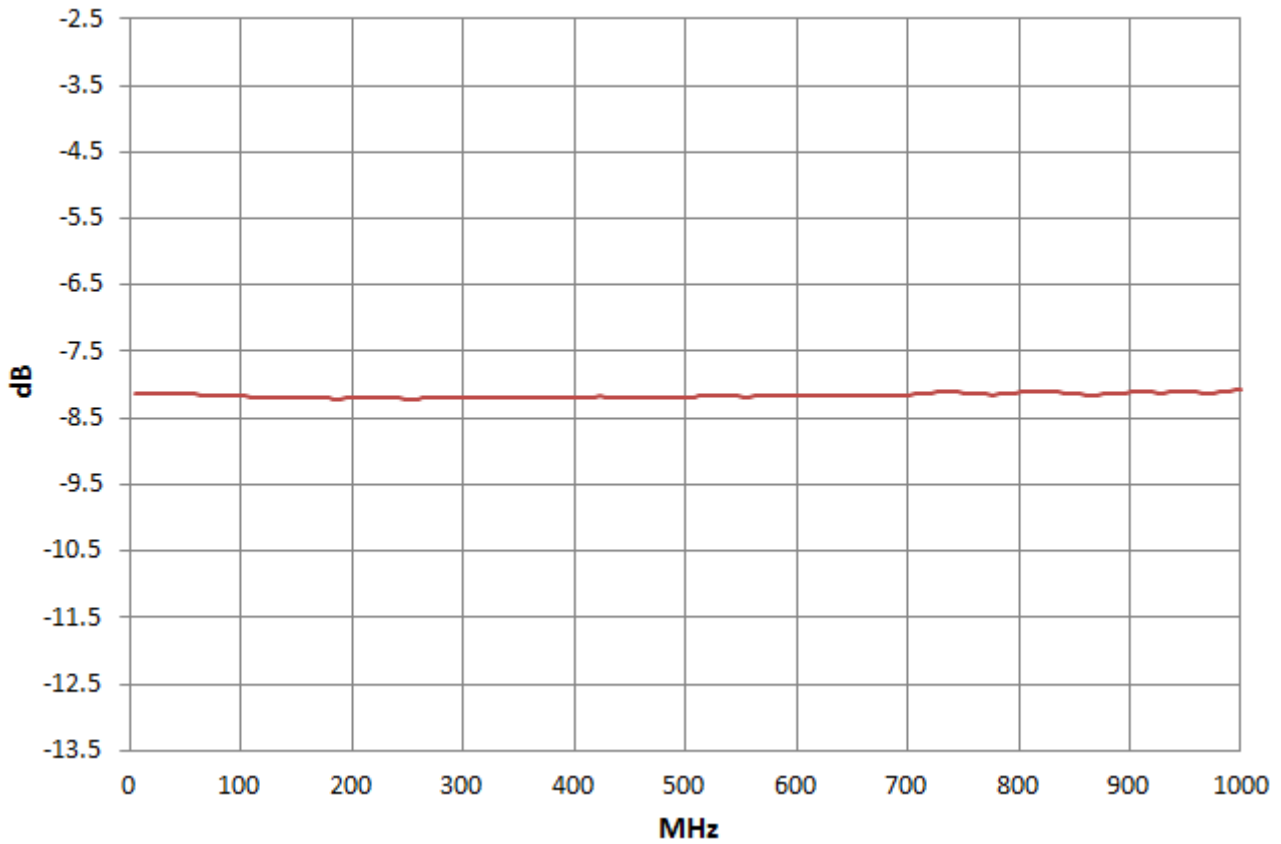
PIN CONFIGURATION

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

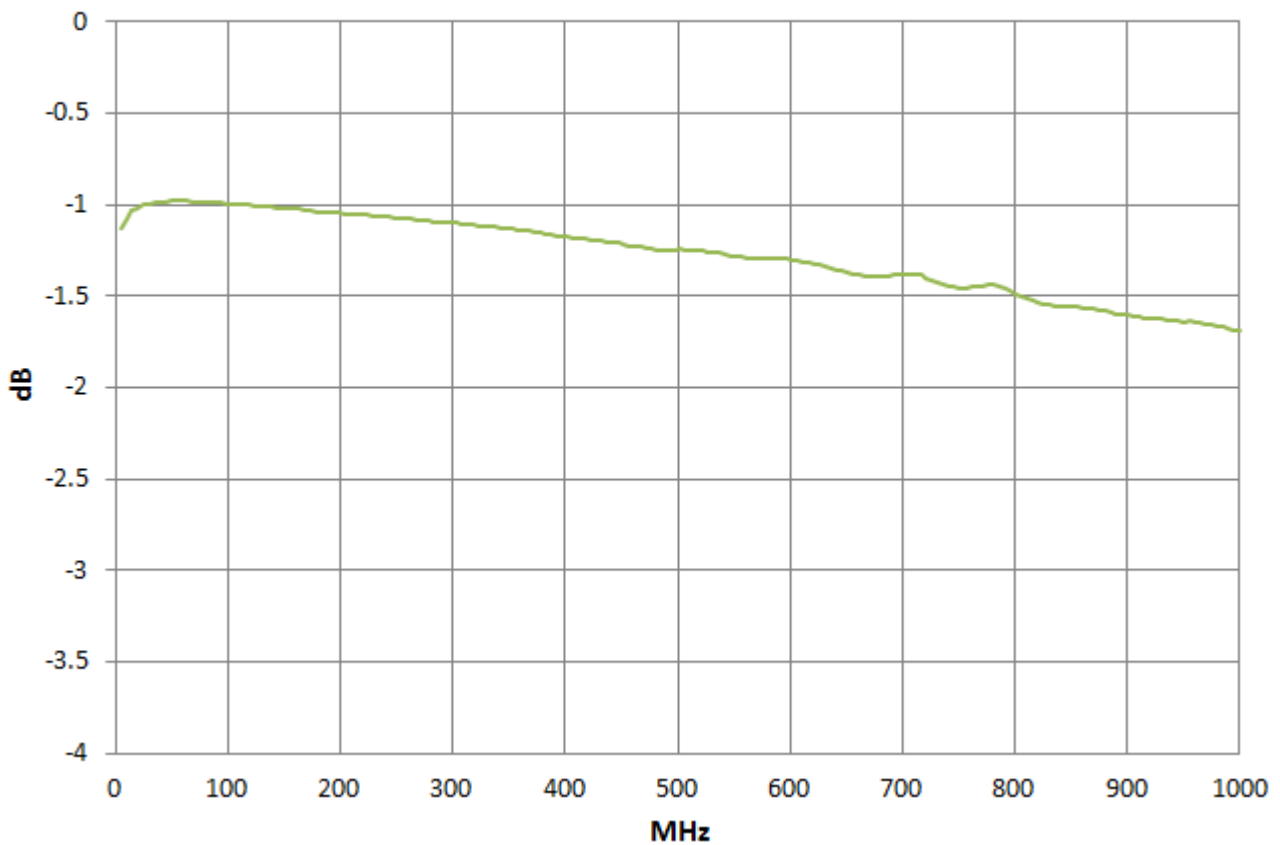
Electrical Specifications: TA=25°C, Zo=50Ω					
Parameter	Test Conditions	Units	Min.	Typ.	Max.
Coupling	5-1000MHz	dB	-7.5	-8.19	-8.5
Flatness		dB			±0.5
Mainline Loss	5-1000MHz	dB	---	-2	-2.5
Input return loss	5-1000MHz	dB	-15	18	-
Output return loss	5-1000MHz	dB	-17	20	-
Coupling Return Loss	5-1000MHz	dB	-14	18	-
Isolation	5-1000MHz	dB	-16	-23	-
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

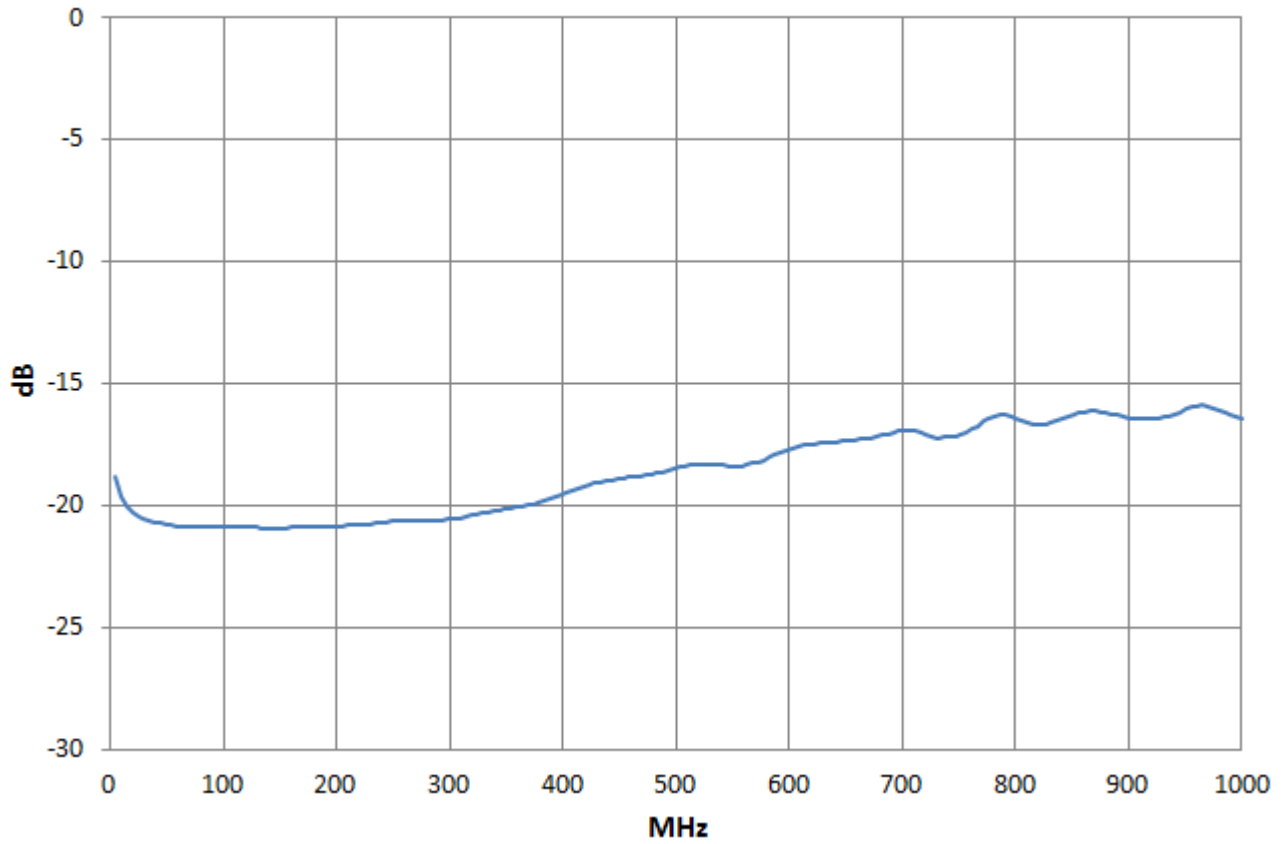


Mainline Loss

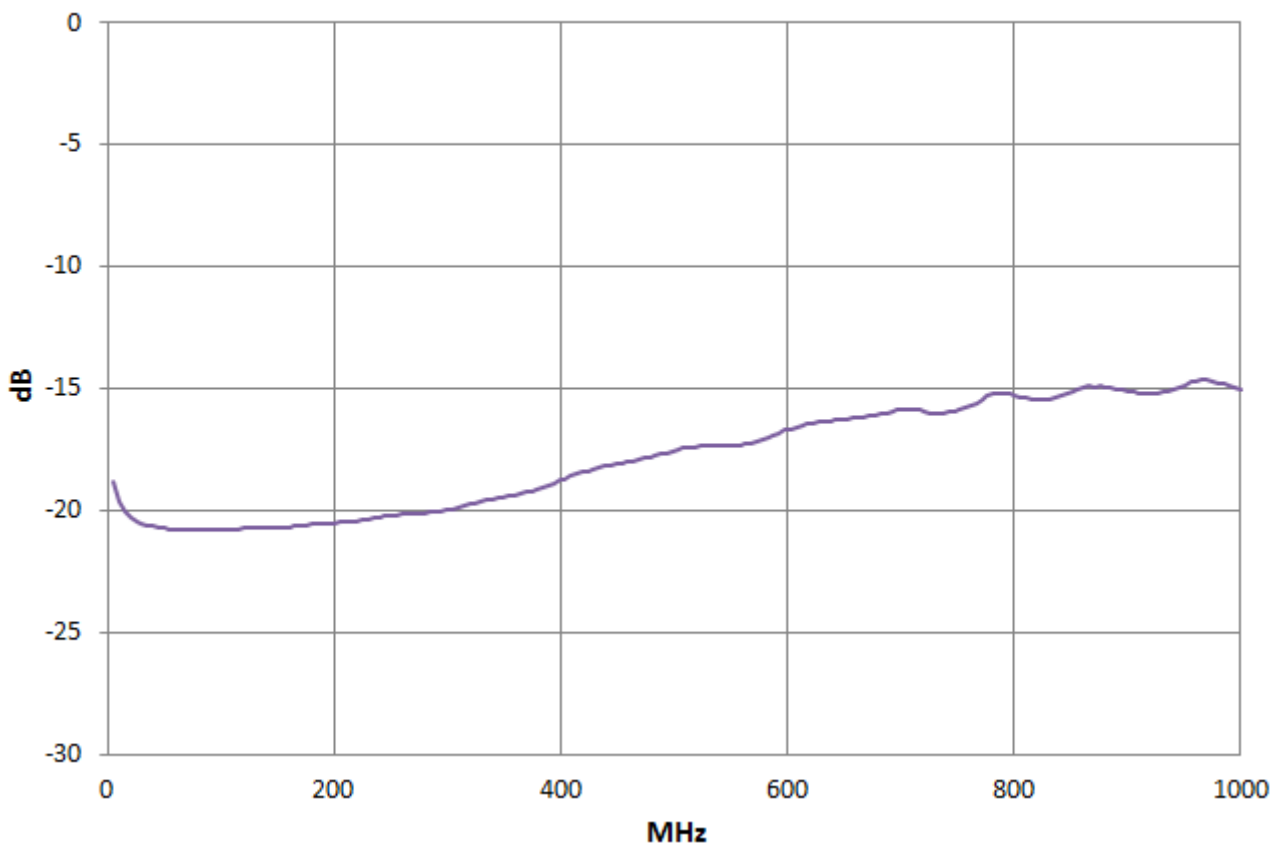




Input Return Loss

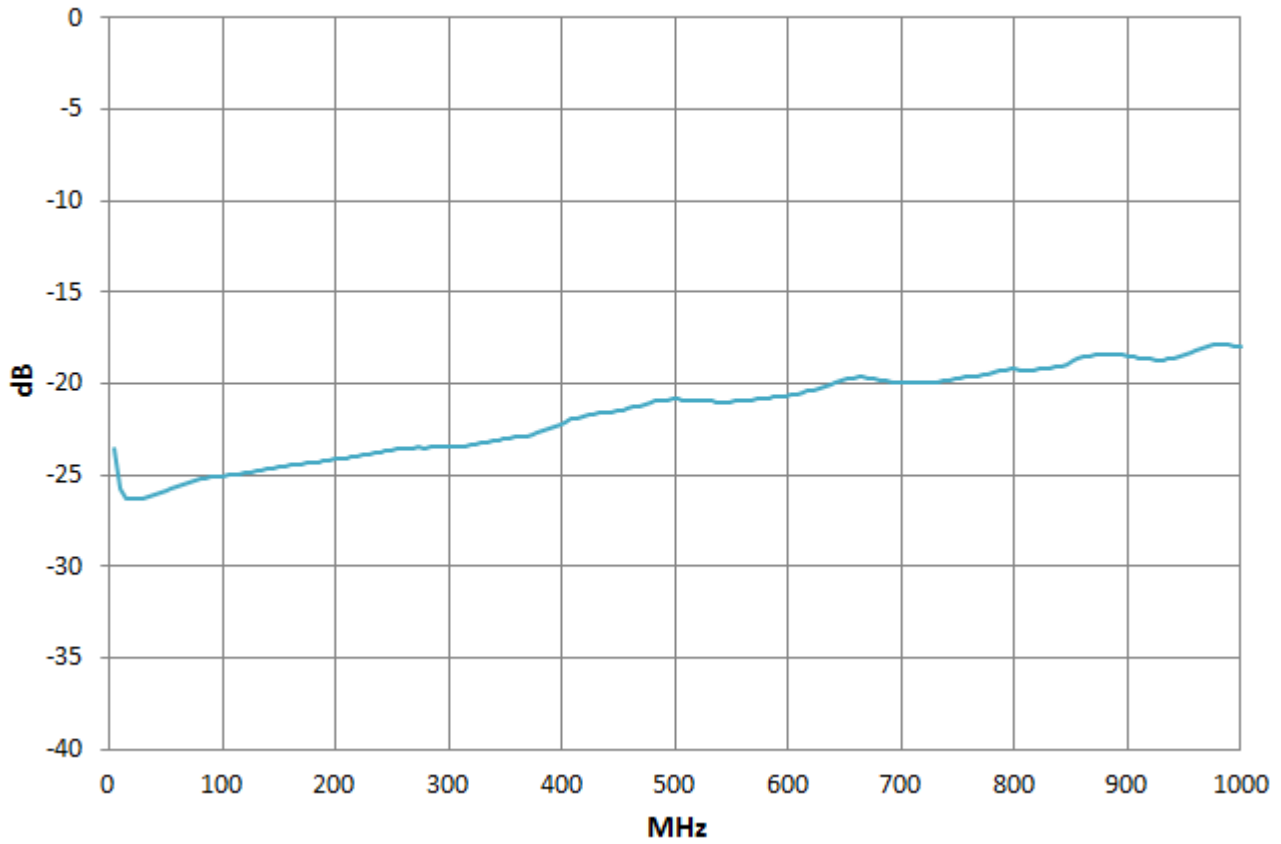


Coupling Return Loss





Output Return Loss



Isolation

