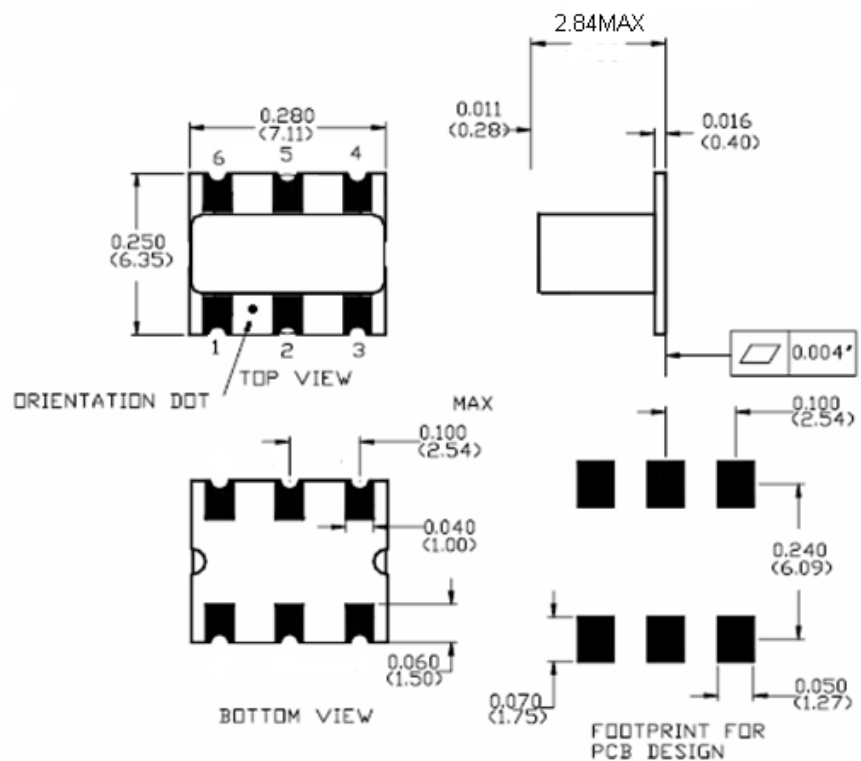
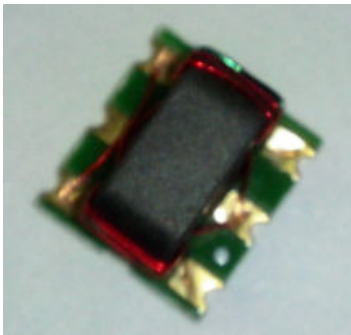


Outline drawing

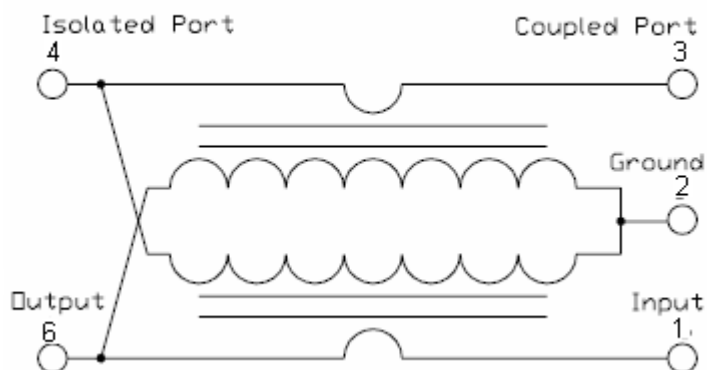
Feature:

12db coupler

- Surface mount
- 260°C reflow compatible
- RoHS* compliant and lead free
- welding connect



Schematic



Description:

LH Corporation S013188 is a 12db coupler .

CATV application and in a low cost, surface mount package .

The S013188 for high use volume CATV application, good output /input match.

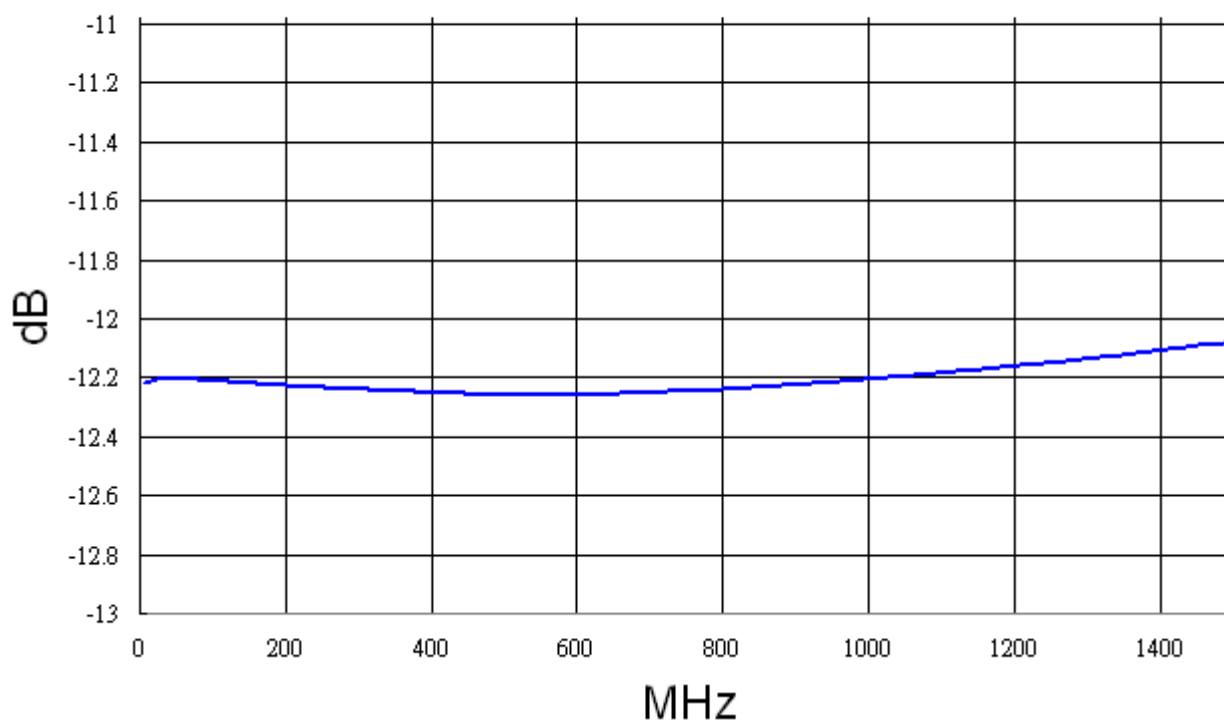
PIN CONFIGURATION

PIN	FUNCTION
6	Output
4	Isolated
3	Coupling
2	Ground
1	Input

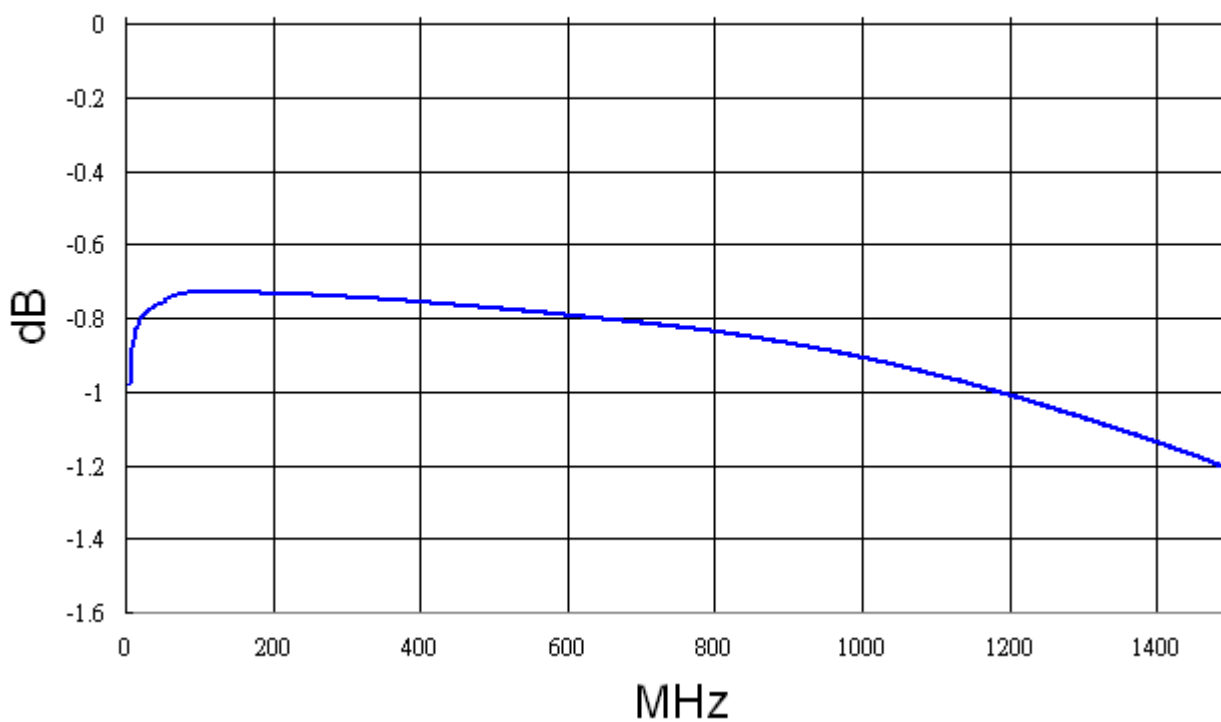
Electrical Specifications: TA=25°C, Zo=75Ω					
Parameter	Test Conditions	Units	Min.	Typ.	Max.
Coupling	5-1250MHz	dB	11.5	12.2	12.5
Flatness	5-1250MHz	dB	-	-	±0.25
Mainline Loss	5-1250MHz	dB	-	1.00	1.80
Tilt	5-1250MHz	dB	-	0.5	1.0
Input return loss	5-46MHz	dB	17	20	-
	46-1250MHz	dB	20	23	-
Output return loss	5-46MHz	dB	20	28	-
	46-1250MHz	dB	22	23	-
Coupling Return Loss	5-46MHz	dB	17	20	-
	46-1250MHz	dB	20	23	-
Isolation	5-46MHz	dB	23	30	-
	46-500MHz	dB	20	25	-
	500-1250MHz	dB	18	22	-
RF Power Rating (max)		250mw			
DC Current Rating (max)		30mA			
Test Impedance (50Ω,75Ω, etc.)		75OHM			
Operating Temperature		-40°C to +85°C			
Storage Temperature		-40°C to +85°C			

Actual test parameter.

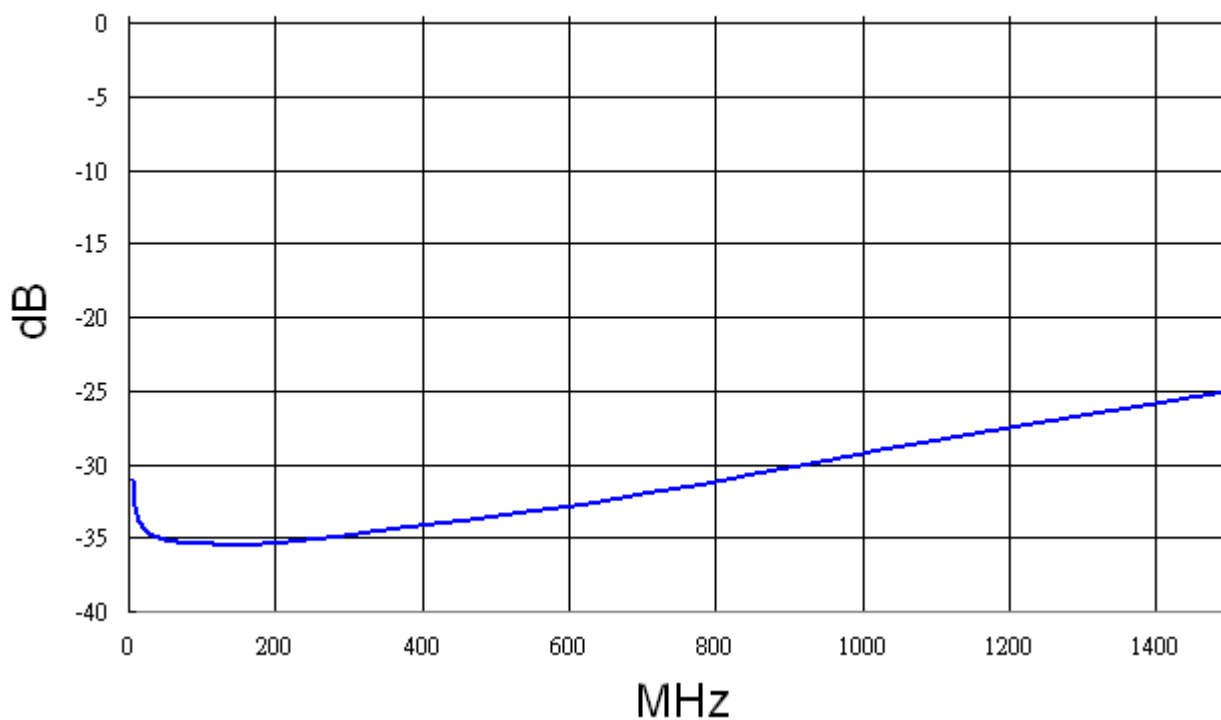
Coupling



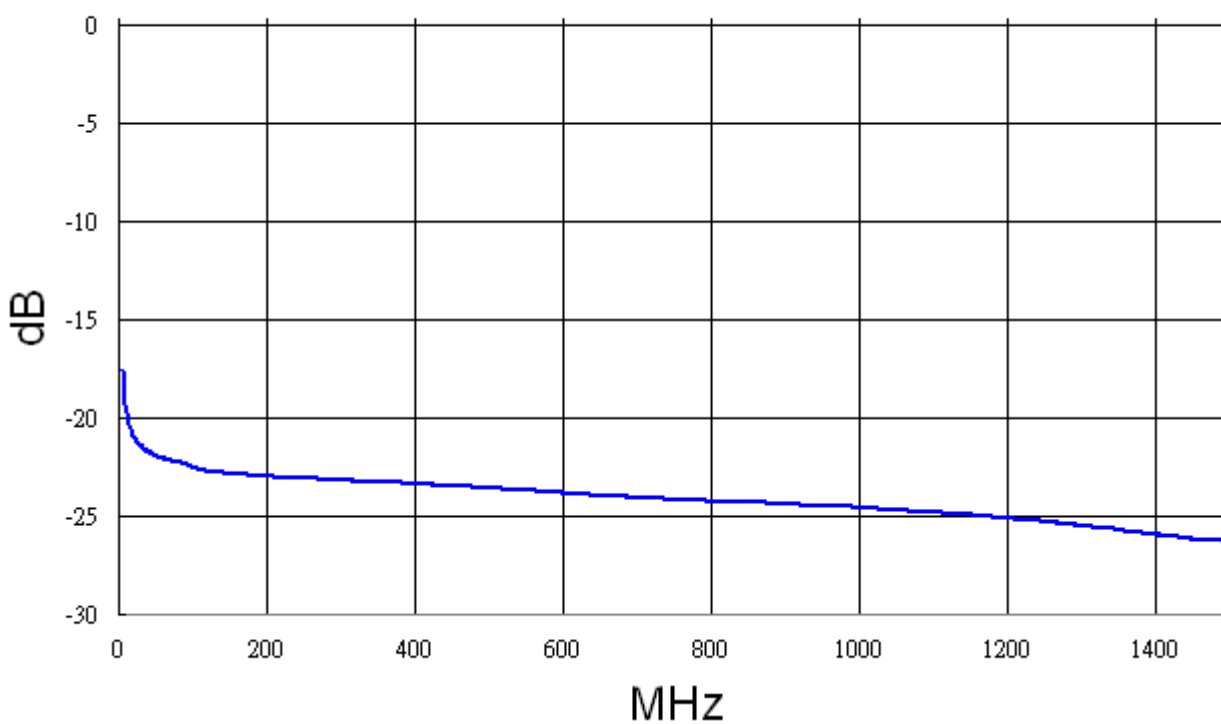
Mainline Loss



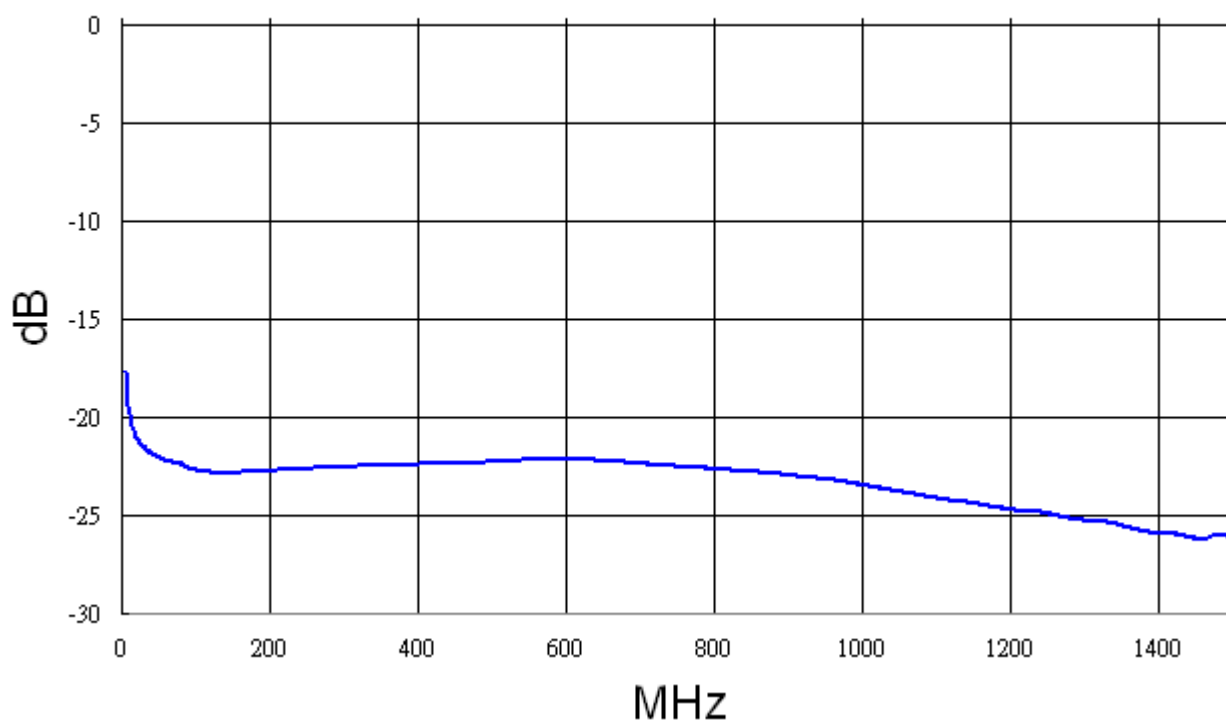
Isolation



Input Return Loss



Coupling Return Loss



Output Return Loss

