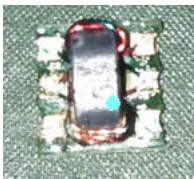


2Way 0° Divide transformer **Frequency: 5-1218MHZ.**

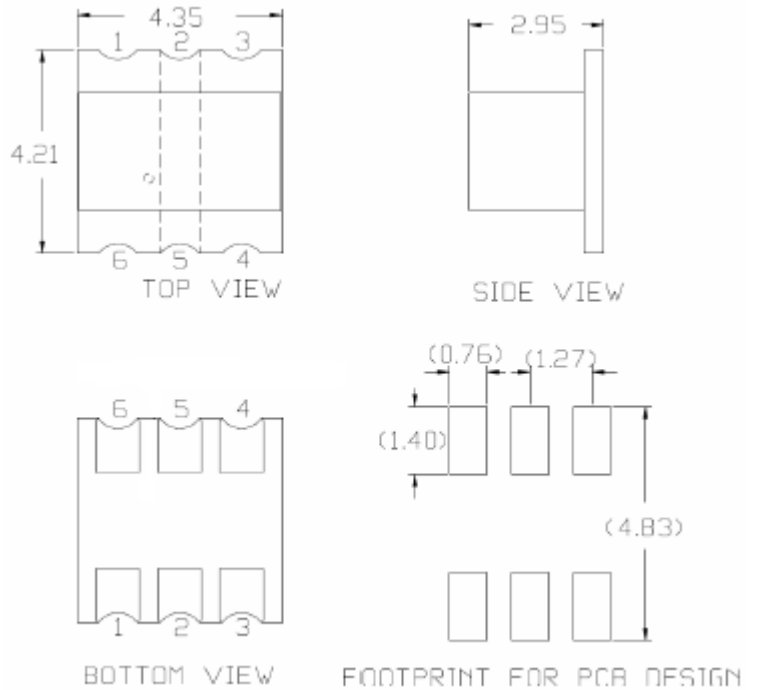
Feature:

- .2way 0degree transformer.
- .SMT part.
- .Packaging 2000pcs per reel.
- .used in 75 ohm systems.
- .weld connect.
- .260 degree compatible.

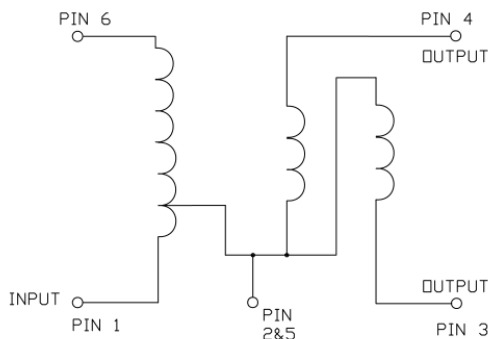
ROHS COMPLIANT



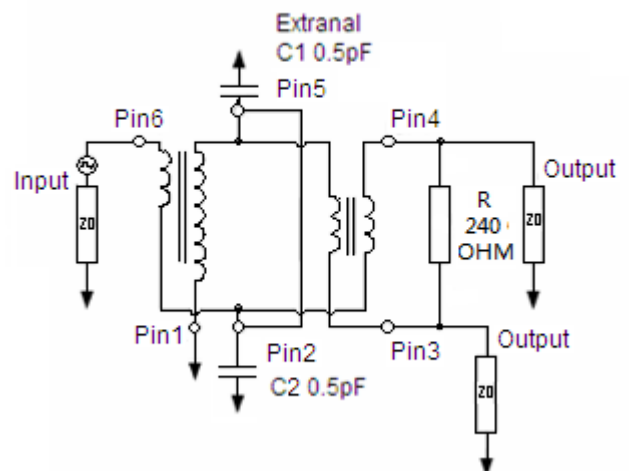
Base dimension



Schematic



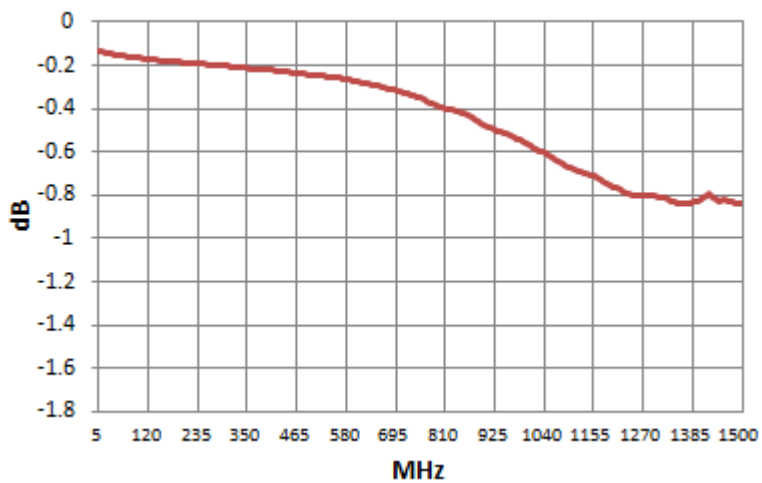
Application Circuit



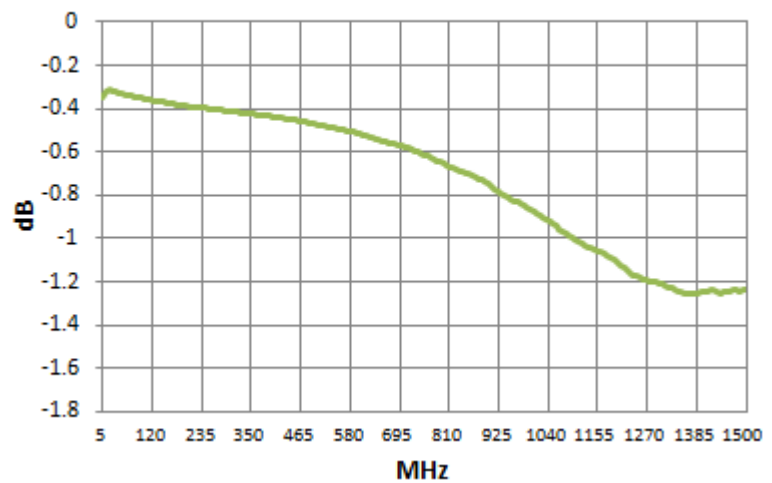
PIN CONFIGURATION	
PIN	FUNCTION
1	GND
2,5	0.5pF external
3	Output1
4	Output2
6	Input

Electrical Specifications: TA=25°C, Zo=75Ω Pin=0dbm					
Parameter	Test Conditions	Units	Min.	Typ.	Max.
Insertion loss1 Pin6-4	5-500MHz	dB	---	0.15	0.3
	500-1000MHz	dB	---	0.25	0.7
	1000-1218MHz	dB	---	0.65	0.9
Insertion loss1 Pin6-3	5-500MHz	dB	---	0.45	0.6
	500-1000MHz	dB	---	0.65	1.1
	1000-1218MHz	dB	---	1.10	1.5
Phase Unbalance	5-500MHz	degree	----	+/-0.5°	+/-2.0°
	500-1000MHz	degree	----	+/-0.65°	+/-3.0°
	1000-1218MHz	degree	----	+/-0.55°	+/-4.0°
Amplitude Unbalance	5-500MHz	dB	---	+/-0.20	+/-0.4
	500-1000MHz	dB	---	+/-0.28	+/-0.5
	1000-1218MHz	dB	---	+/-0.35	+/-0.7
Input return loss	5-500MHz	dB	20	40	---
	500-1000MHz	dB	19	30	---
	1000-1218MHz	dB	14	15	---
Output return loss 1 Pin4	5-500MHz	dB	20	29	---
	500-1000MHz	dB	18	33	---
	1000-1218MHz	dB	15	19	---
Output return loss 2 Pin3	5-500MHz	dB	20	33	---
	500-1000MHz	dB	16	21	---
	1000-1218MHz	dB	13	16	---
Isolation	5-500MHz	dB	20	24	---
	500-1000MHz	dB	16	20	---
	1000-1218MHz	dB	15	18	---
Input Power		1W			
Internal Load Dissipation		0.125W			
Operating Temperature Range		-40°C Min +85°C			
Storage Temperature		-55°C Min +100°C			

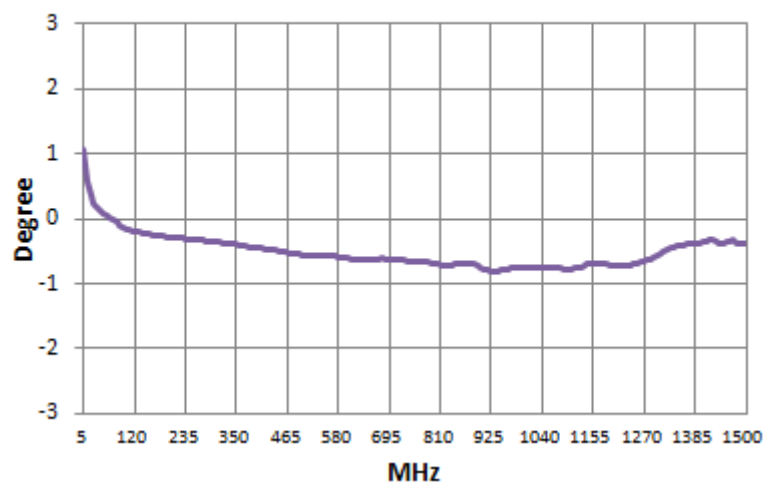
Insertion Loss 6-4



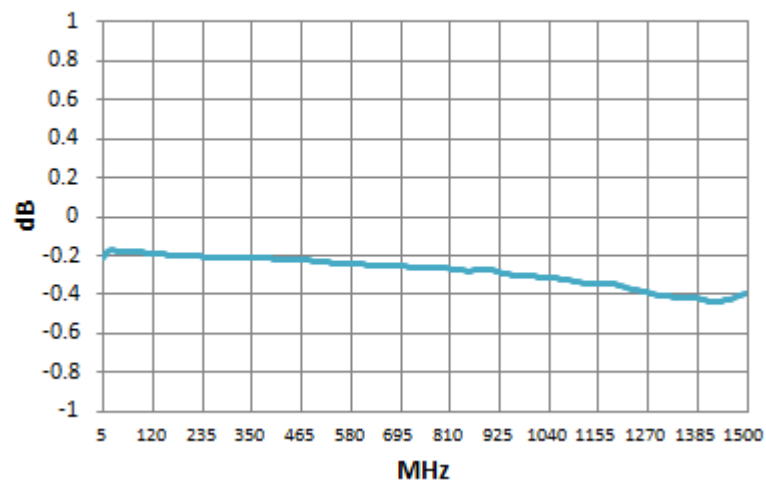
Insertion Loss 6-3



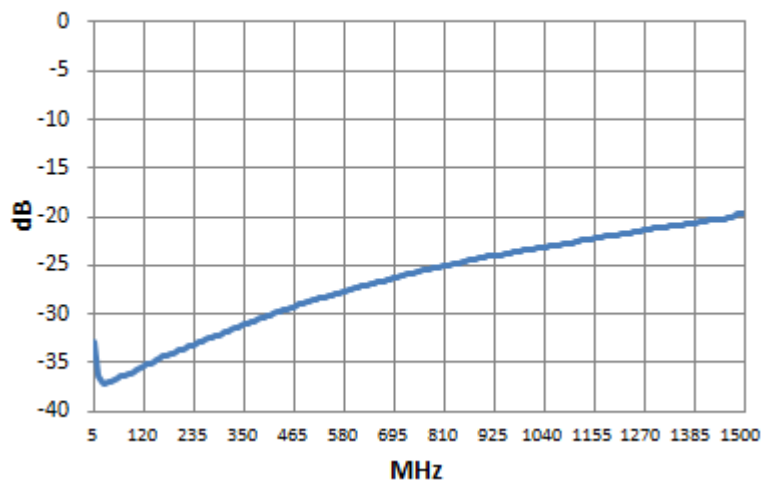
Phase



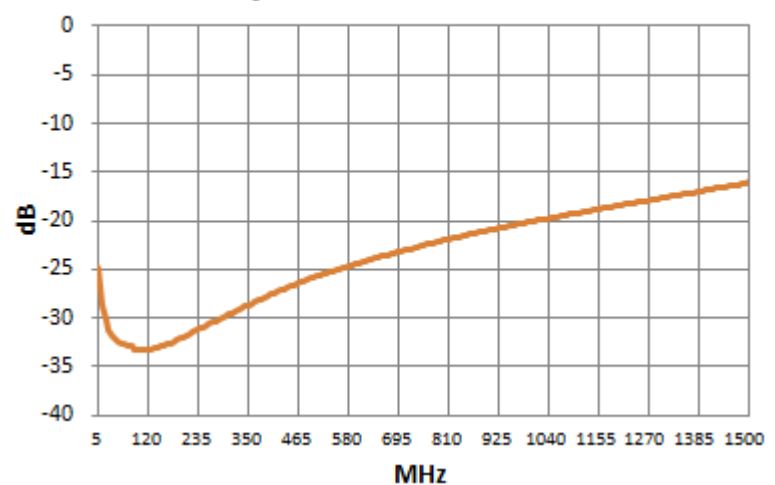
Amplitude



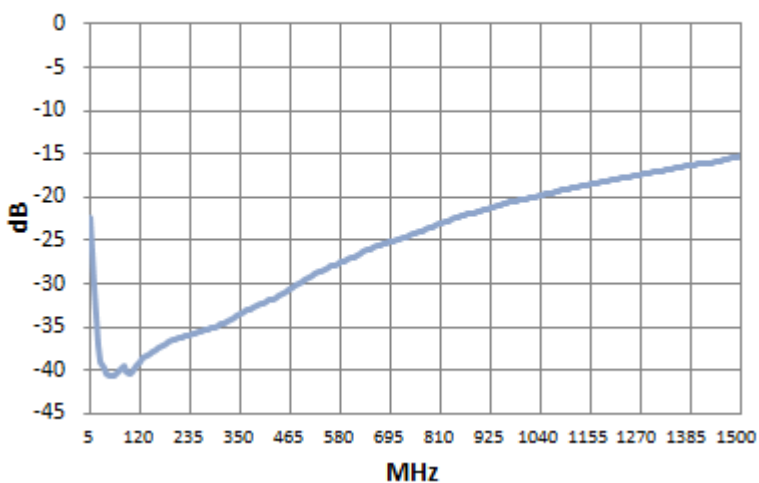
Input Return Loss



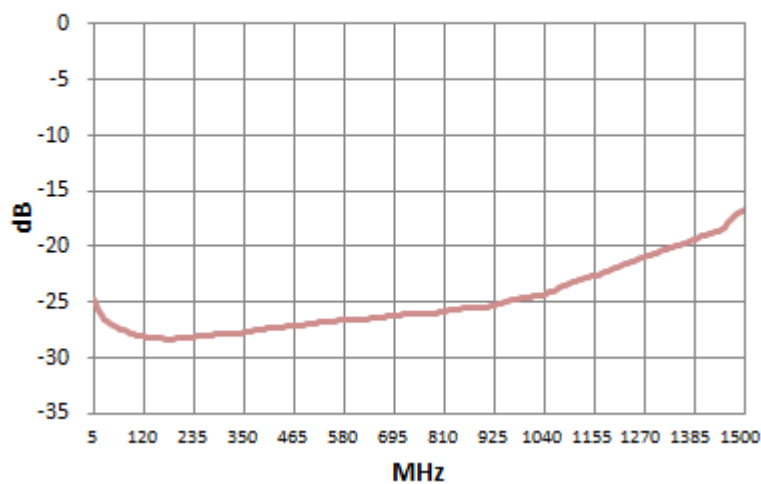
Output Return Loss Pin4



Output Return Loss Pin3



Isolation



	Dimension
Ao	4.60mm +/- 0.1mm
Bo	4.60mm +/- 0.1mm
Ko	3.30mm +/- 0.1mm
W	12.00mm +/- 0.3mm
P1	8.00mm +/- 0.1mm

DIRECTION OF FEED

Carrier Tape

