

1:16 RF transformer Frequency: 0.6-300MHZ.

Base dimension

Feature:

.1 : 16 impedance transformer.

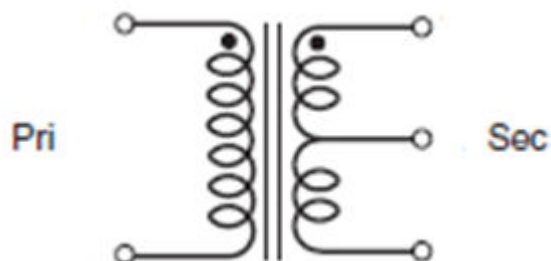
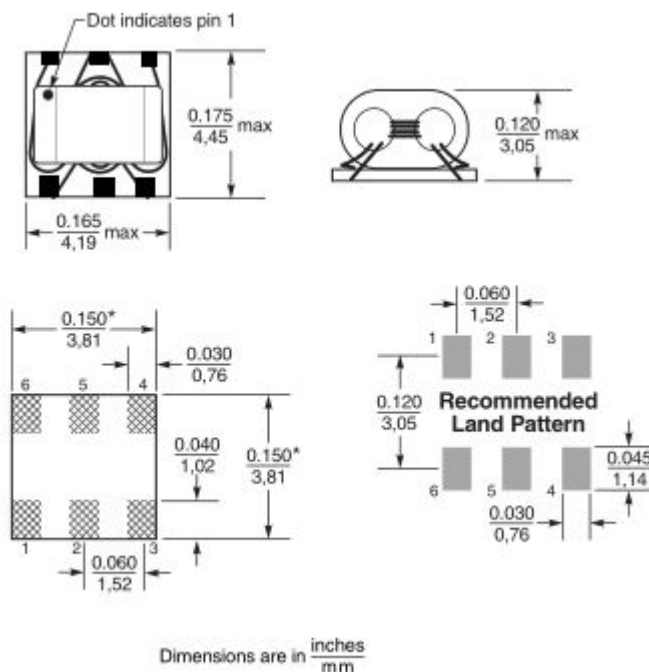
.SMT part.

.Packaging 2000pcs per ree.

.used in 50ohm systems.

.Weld connect

ROHS COMPLIANT



SCHEMATIC

Maximum Ratings

Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power	0.25W
DC Current	30mA

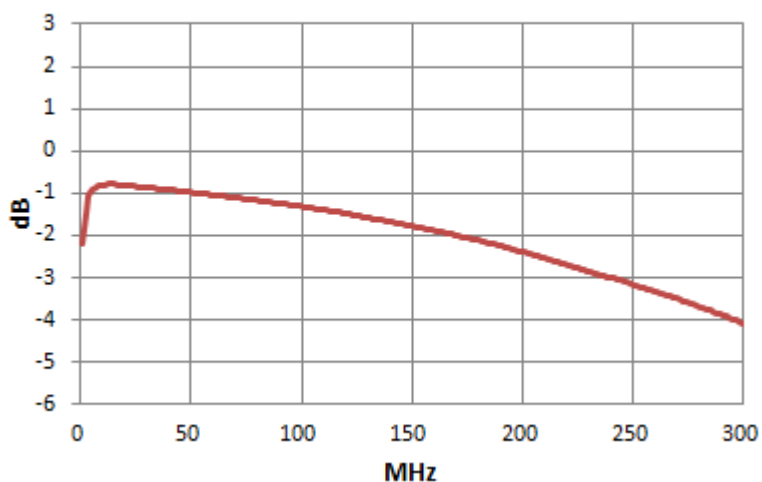
Permanent damage may occur if any of these limits are exceeded.

Pin Connections

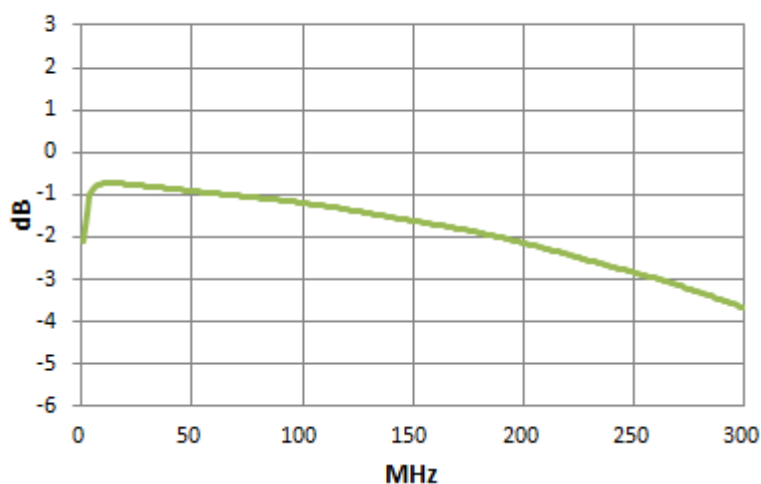
PRIMARY DOT	6
PRIMARY	4
SECONDARY DOT	1
SECONDARY	3
SECONDARY CT	2

Electrical Specifications: TA=25°C, Zo=50Ω Pin=0dbm					
Parameter	Test Conditions	Units	Min.	Typ.	Max.
Insertion Loss	0.6 - 5MHz	dB	----	---	4
	5 - 100MHz	dB	----	---	1.0
	100 - 300MHz	dB	----	---	4.5
Amplitude Balance	0.6 - 300MHz	dB	----	±0.1	±0.35
Phase Balance	0.3 - 700MHz	Degree	----	±2	±5
Input return loss	0.3 -5MHZ	dB	5	10	---
	5 -100MHZ	dB	10	16	
	0.3 -5MHZ	dB	3	5	
RF Power Rating (max)			250mW		
DC Current Rating (max)			30mA		
Test Impedance (50Ω,75Ω, etc.)			50OHM		

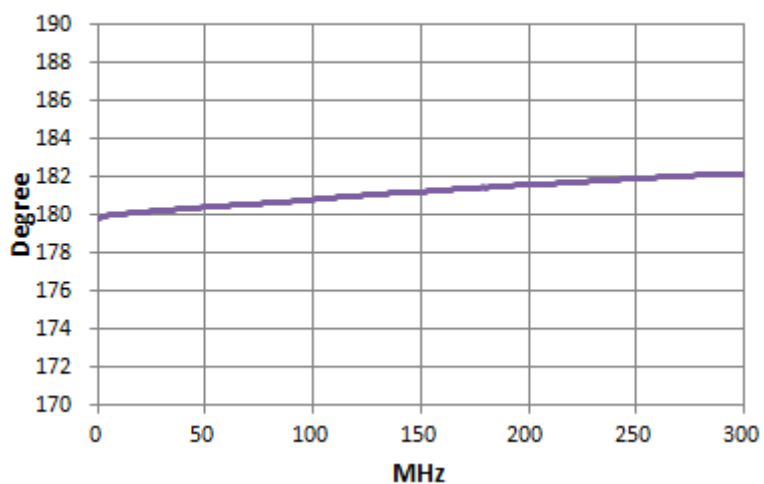
Insertion Loss 6-1



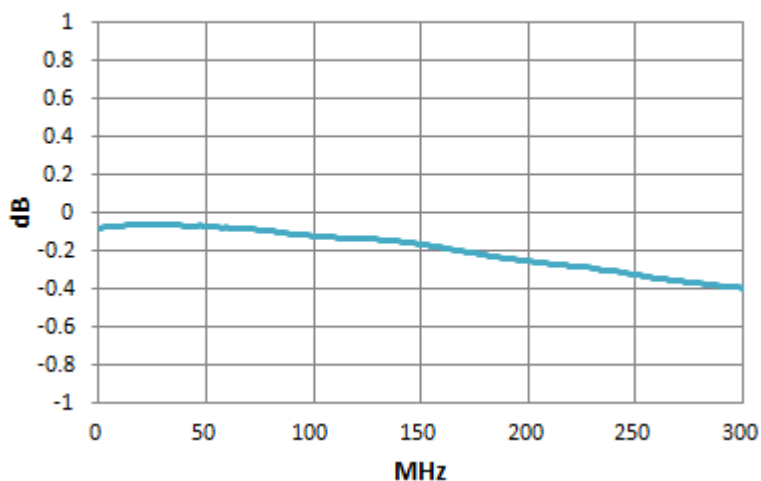
Insertion Loss 6-3



Phase



Amplitude



Input Return Loss

