

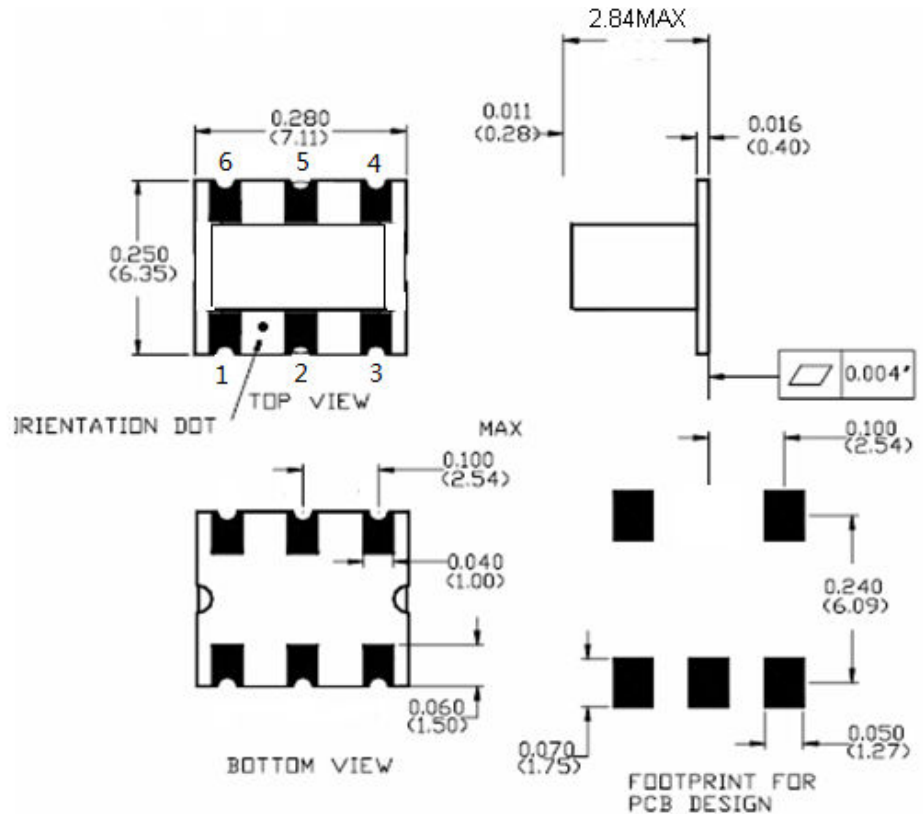
1:2 Flux RF transformer Frequency: 8-600MHZ.

PCB drawing

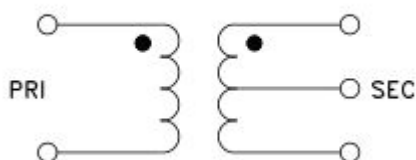
Feature:

- .1:2 impedance transformer.
- .SMT part.
- .Packaging 1000pcs per reel.
- .used in 50ohm systems.
- .weld connect.
- .260 degree compatible.

ROHS COMPLIANT



Config. A



SCHEMATIC

Description:

.SL016071 is a 1:2 FLUX RF transformer.

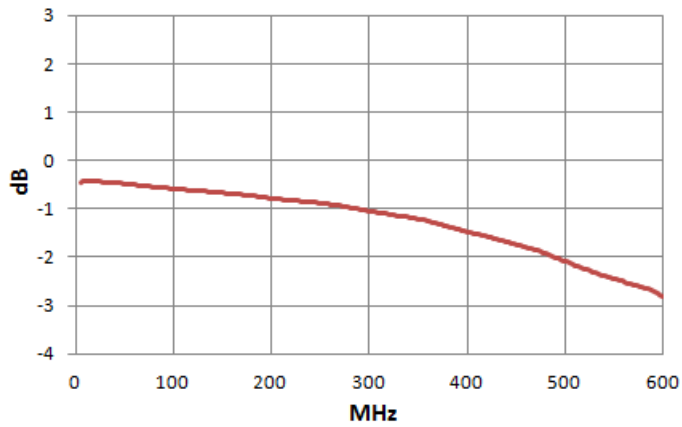
Low cost SMT transmission transformer designed high volume applications.

PIN CONFIGURATION

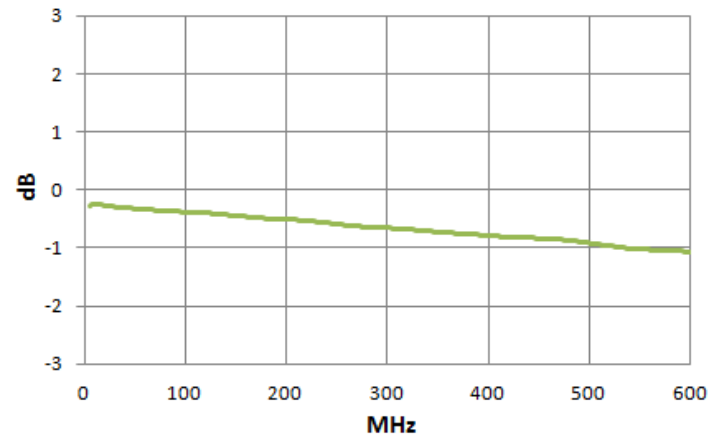
Maximum Ratings	
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power	1W
DC Current	30mA
Permanent damage may occur if any of these limits are exceeded.	
Pin Connections	
PRIMARY DOT	3
PRIMARY	1
SECONDARY DOT	4
SECONDARY	6
SECONARY CT	5
NOT USED	2

Electrical Specifications: TA=25°C, Zo=75Ω Pin=0dbm					
Parameter	Test Conditions	Units	Min.	Typ.	Max.
Insertion Loss	8-300MHz	dB	----	---	1.0
	300-400MHz	dB	----	---	2.0
	400-600MHz	dB	----	---	3.0
Amplitude Unbalance	8-300MHz	dB	----	---	±0.4
	300-400MHz	dB	----	---	±1.5
	400-600MHz	dB	----	---	±2.0
Phase Unbalance	8-300MHz	Degree	----	±1.3	±1.5
	300-400MHz	Degree	----	±6	±7
	400-600MHz	Degree	----	±8	±10
Input return loss	8-300MHz	dB	15	20	---
	300-400MHz	dB	10	16	---
	400-600MHz	dB	5	10	---
Test Impedance (50Ω,75Ω, etc.)		50OHM			
Operating Temperature		-40°C to +85°C			
Storage Temperature		-40°C to +85°C			

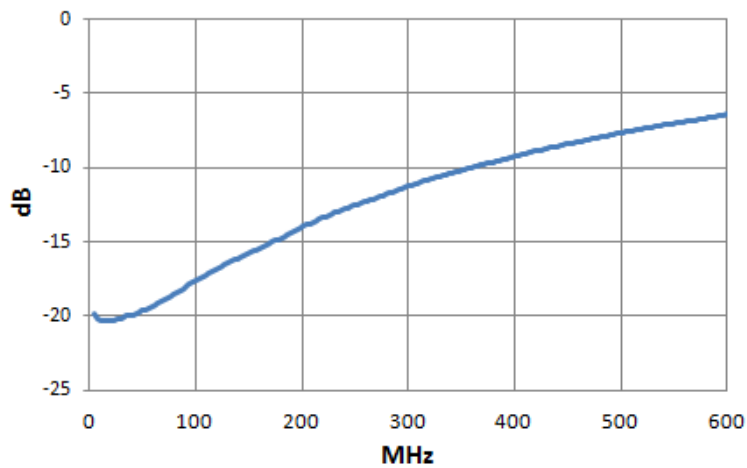
Insertion Loss 1-6



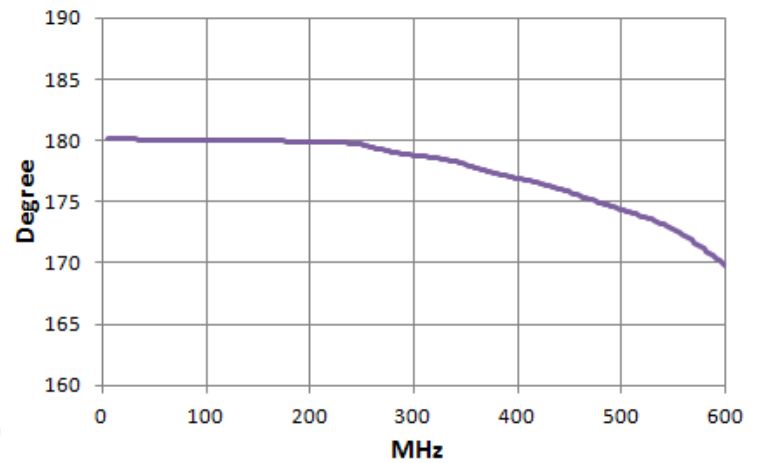
Insertion Loss 1-4



Input Return Loss



Phase



Amplitude

