

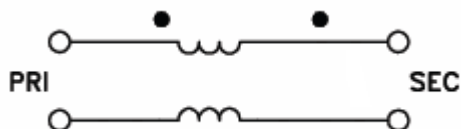
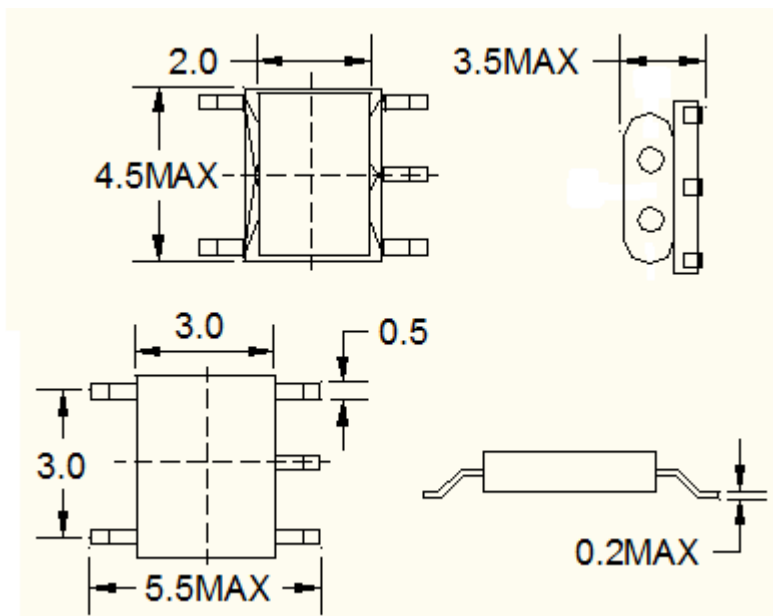
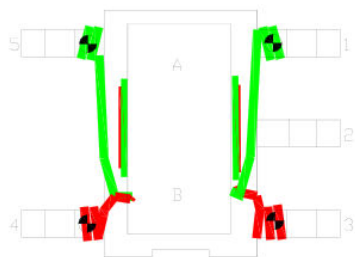
1:1 RF transmission line transformer Frequency: 5 -3000MHZ.

Base dimension

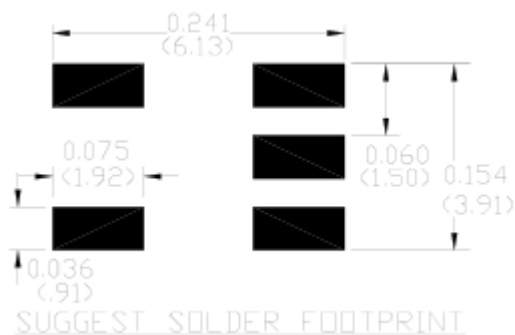
Feature:

- .1:1 impedance transformer.
- .SMT part.
- .Packaging 2000pcs per ree.
- . Lead free solder.

ROHS COMPLIANT



SCHEMATIC



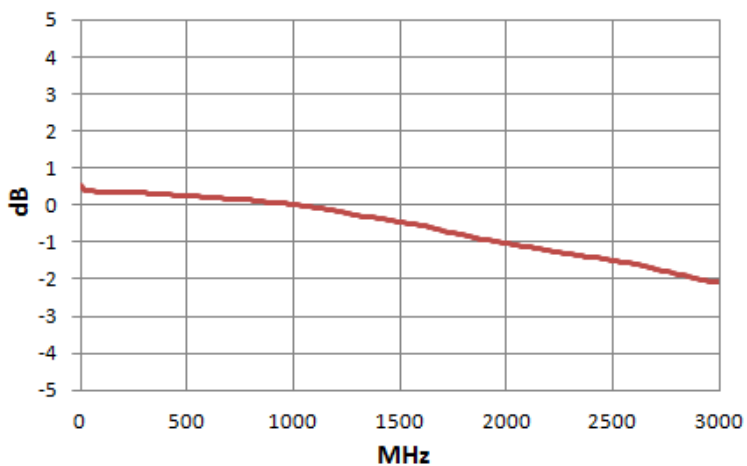
PIN CONFIGURATION

Pin No.	Function
1	Secondary Dot (Output 1)
2	Not Used
3	Secondary (Output 2)
4	Primary (Ground)
5	Primary Dot (Input)

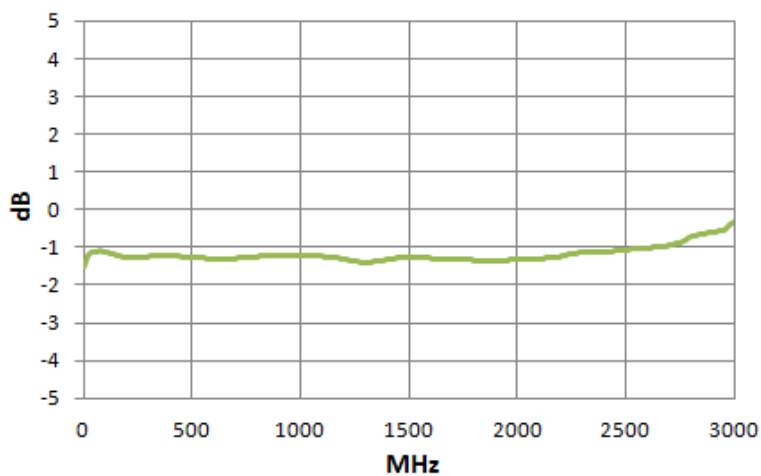
Electrical Specifications: $T_A = 25^\circ\text{C}$, $Z_0 = 75\Omega$ ¹

Parameter	Frequency	Units	Min	Typ	Max
Insertion Loss	50 - 2150 MHz	dB	-	1.0	2.0
	5 - 3000 MHz	dB	-	1.5	3.5
Amplitude Balance	50 - 2150 MHz	dB	-	1.0	± 2.2
Phase Balance	50 - 2150 MHz	°	-	5.0	± 13.0
Input Return Loss	5 - 550 MHz	dB	20	30	-
	550 - 2100 MHz	dB	8	15	-

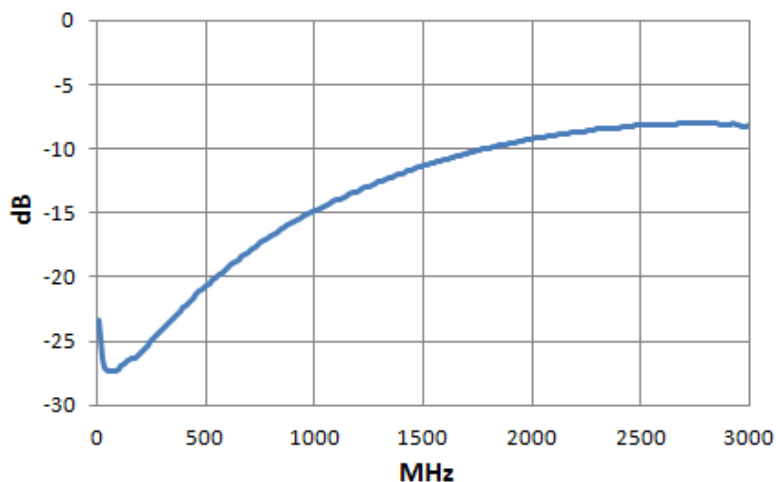
Insertion Loss 5-1



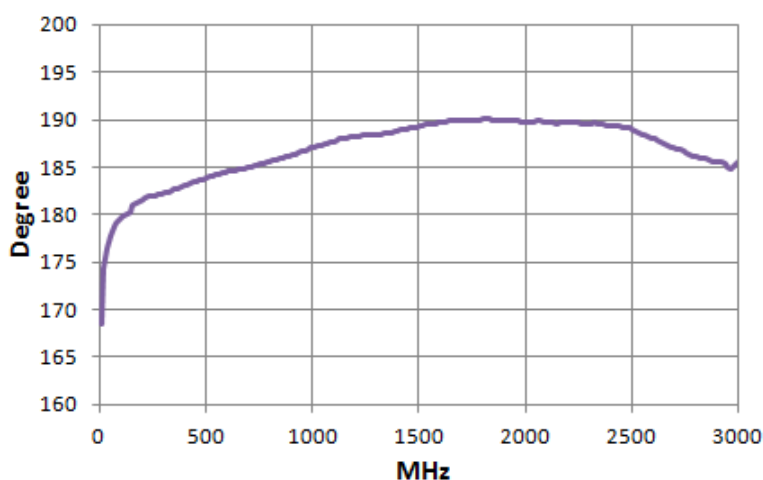
Insertion Loss 5-3



Input Return Loss



Phase



Amplitude

