

JY-ADTT1-1+ 0.3-300MHZ 1:1 RF flux coupled transformer

1:1 RF transformer Frequency:0.3-300MHZ.

Feature:

.1 : 1 impedance transformer.

.SMT part.

.Packaging 1000pcs per reel.

.used in 50ohm systems.

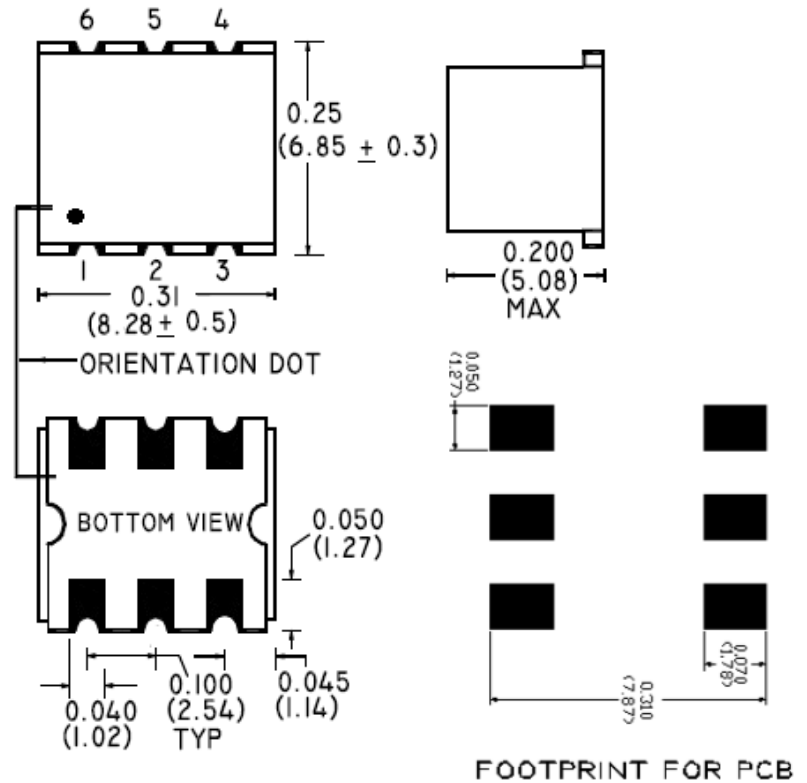
Weld connected.

260°C reflow compatible

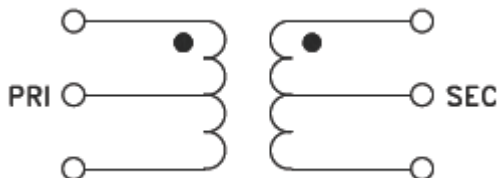
ROHS COMPLIANT and lead free



Base dimension



Tolerance ± 0.20mm

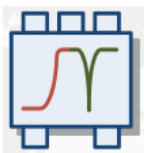


SCHEMATIC

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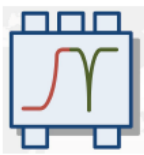


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Pin Connections

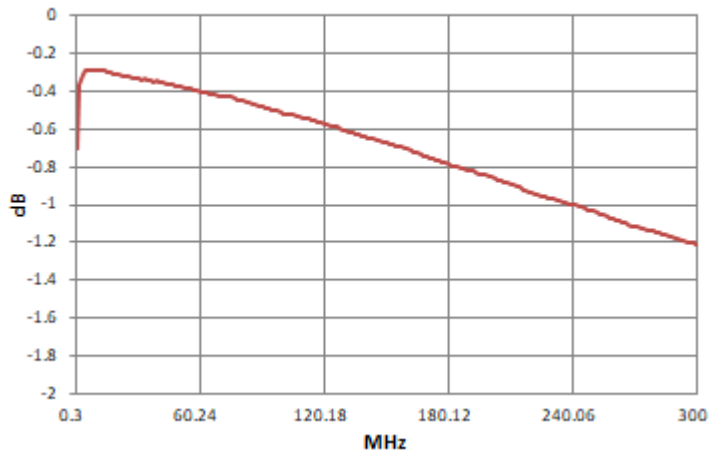
PRIMARY DOT	3
PRIMARY	1
PRIMARY CT	2
SECONDARY DOT	4
SECONDARY	6
SECONDARY CT	5

Electrical Specifications: TA=25°C, Zo=50Ω					
Parameter	Test Conditions	Units	Min.	Typ.	Max.
Insertion Loss	0.5-90MHz	dB	---	0.4	1.0
	0.4-200MHz	dB	---	0.9	2.0
	0.3-300MHz	dB	---	1.2	3.0
Input return loss	0.3-500MHz	dB	10	20	
Phase	0.3-150MHz	Degree	---	±1.0°	---
	150-300MHz	Degree	---	±2.0°	---
Amplitude	0.3-150MHz	dB	---	±0.15	---
	150-300MHz	dB	---	±0.3	---
RF Power Rating (max)		250mw			
DC Current Rating (max)		30mA			
Test Impedance (50Ω,75Ω, etc.)		50OHM			
Operating Temperature		-20°C to 85°C			
Storage Temperature		-55°C to 100°C			

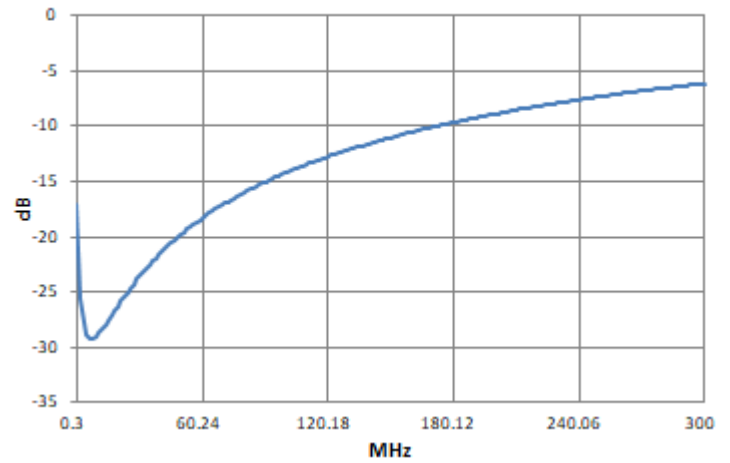


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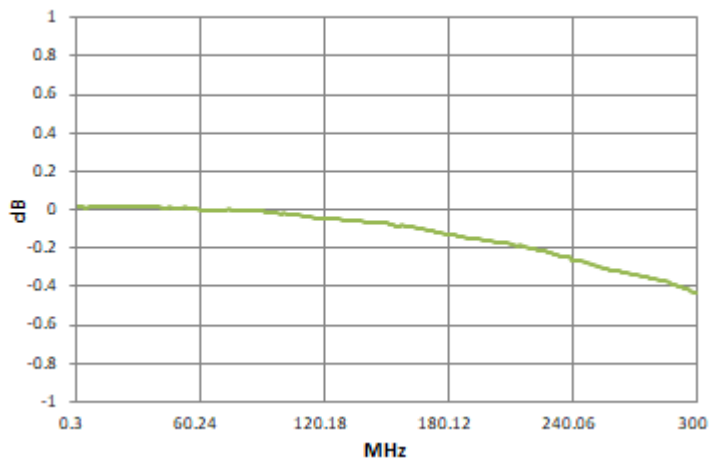
Insertion Loss



Input Return Loss



Amplitude



Phase

