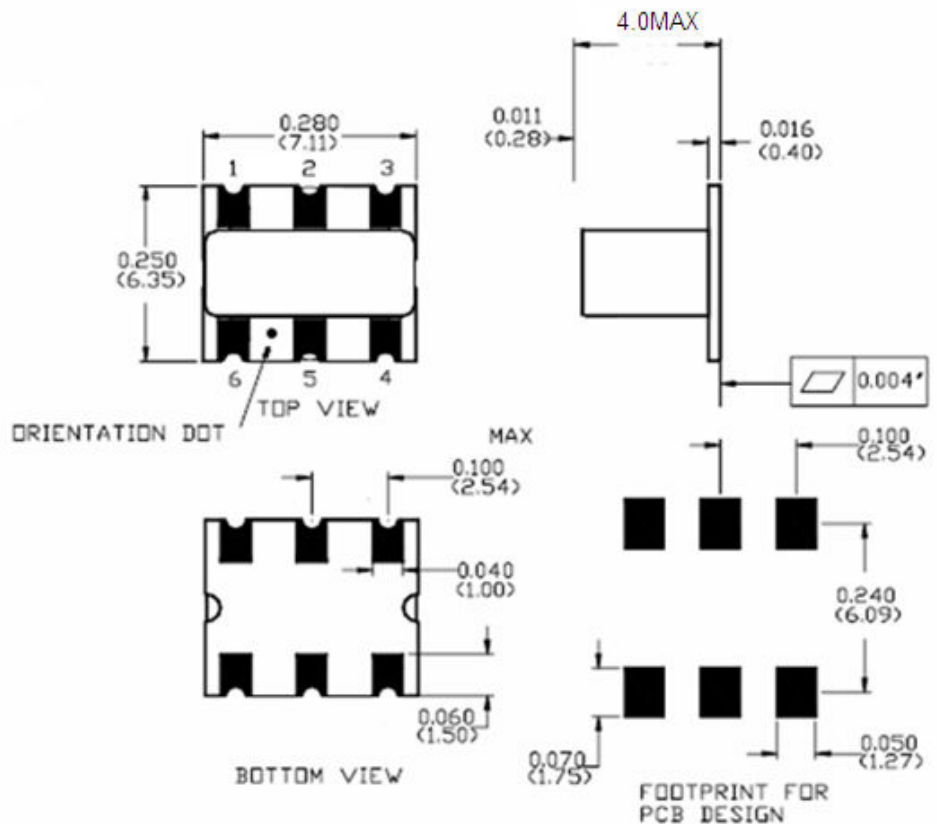


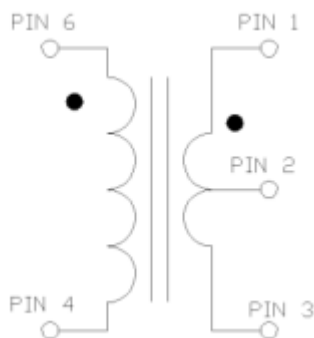
Outline drawing

Feature:

- 4:1 Impedance
- Surface mount
- 260°C reflow compatible
- RoHS* compliant and lead free
- welding connect



Tolerance: +/- 5%



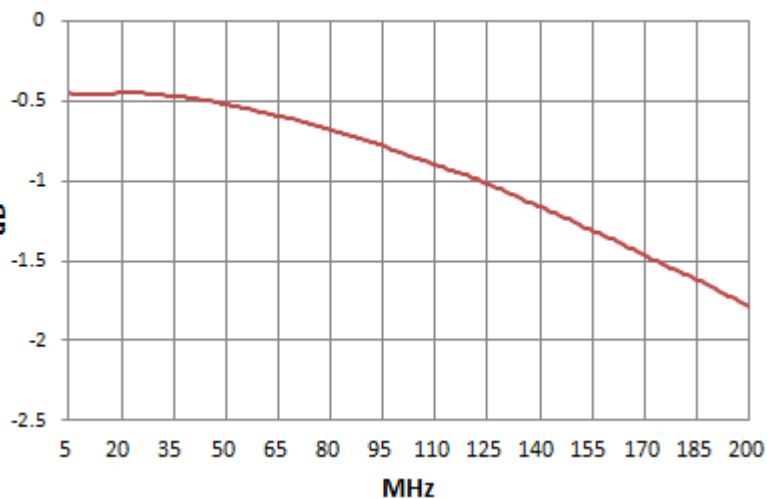
SCHEMATIC

PIN CONFIGURATION

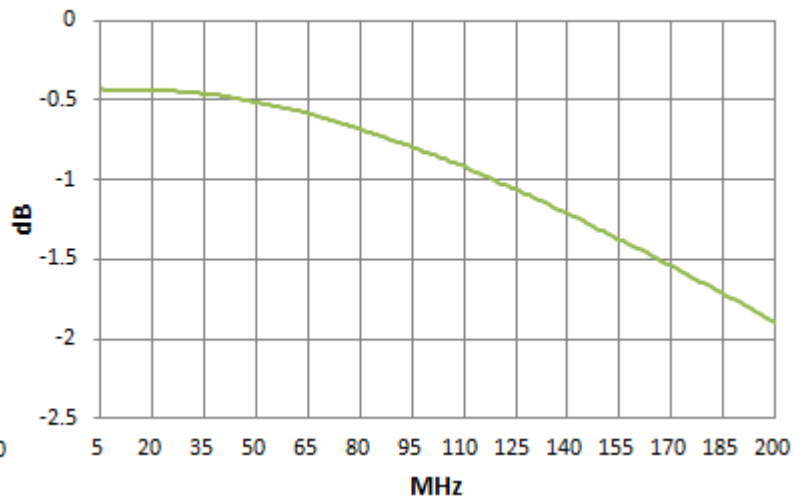
PIN	FUNCTION
6	Primary dot (input)
5	Ground (not used)
4	Primary (RF ground)
3	Secondary (output2)
2	Ground (center tap)
1	Secondary Dot (output1)

Electrical Specifications: TA=25°C, Zo=75Ω					
Parameter	Test Conditions	Units	Min.	Typ.	Max.
Insertion Loss 1 (pin6-pin1)	5 - 50 MHz	dB	---	0.4	0.8
	50 - 150 MHz	dB	---	1.0	2.0
	150 - 200 MHz	dB	---	2.0	3.1
Insertion Loss 2 (pin6-pin3)	5 - 50 MHz	dB	---	0.4	0.8
	50 - 150 MHz	dB	---	1.1	2.5
	150 - 200 MHz	dB	---	2.4	3.6
Amplitude Balance	5 - 50 MHz	dB	---	0.0	±0.4
	50 - 150 MHz	dB	---	0.0	±1.0
	150 - 200 MHz	dB	---	0.3	±1.4
Phase Balance	5-50MHz	Degree	---	0.6	±4
	50-200MHz	Degree	---	0.8	±9
Input Return Loss (pin6)	5-25MHz	dB	17	20	---
	25-50MHz	dB	12	15	---
	50-150MHz	dB	5	9	---
	150-200MHz	dB	3	5	---
RF Power Rating (max)		1 Watt			
Internal Load Dissipation (max)		0.125Watt			
Test Impedance (50Ω,75Ω, etc.)		75OHM			
Operating Temperature		-40°C to +85°C			
Storage Temperature		-40°C to +85°C			

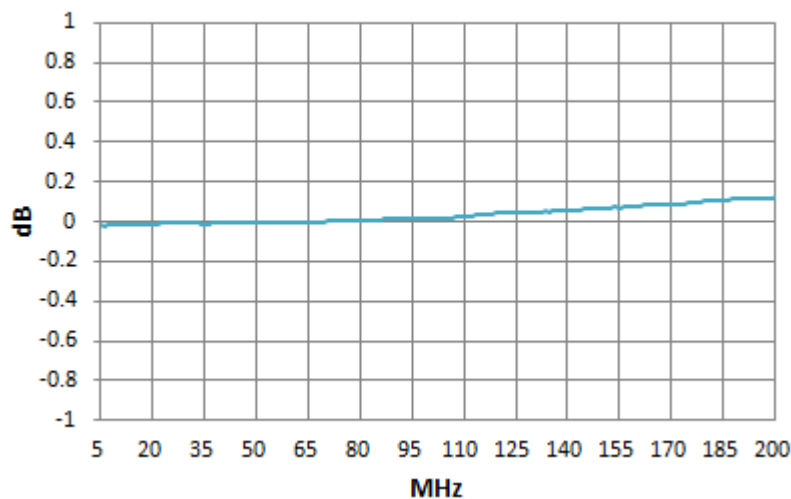
Insertion Loss 6-1



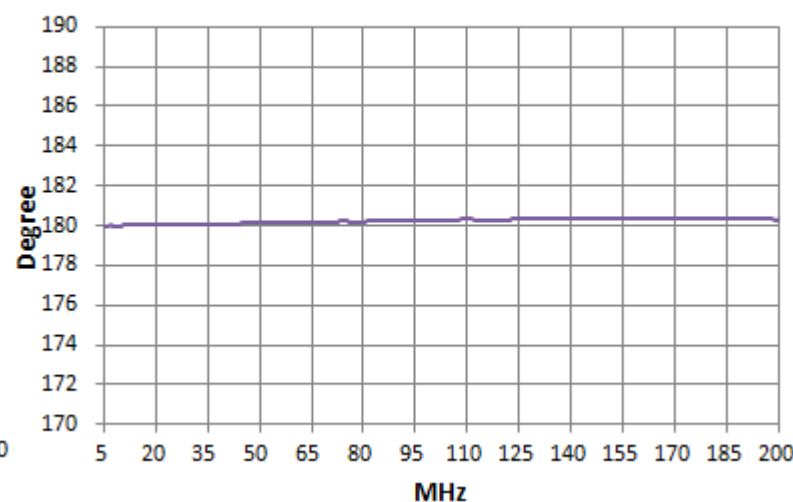
Insertion Loss 6-3



Amplitude



Phase



Input Return Loss

