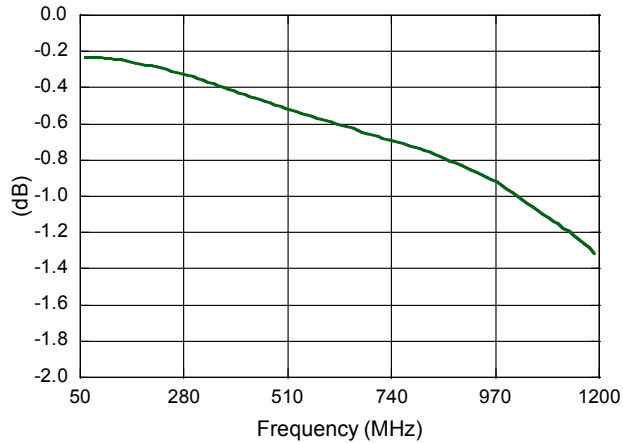


1:1 Transmission Line Transformer with Tertiary Winding 50 - 1200 MHz

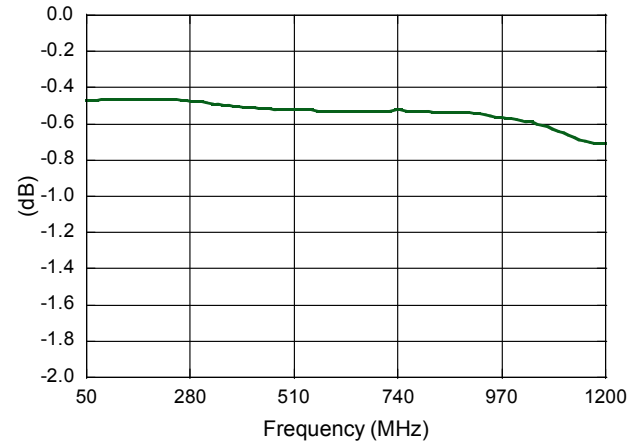
Rev. V5

Typical Performance Curves: $T_A = 25^\circ\text{C}$, $Z_0 = 75 \Omega$, $P_{IN} = 0 \text{ dBm}$

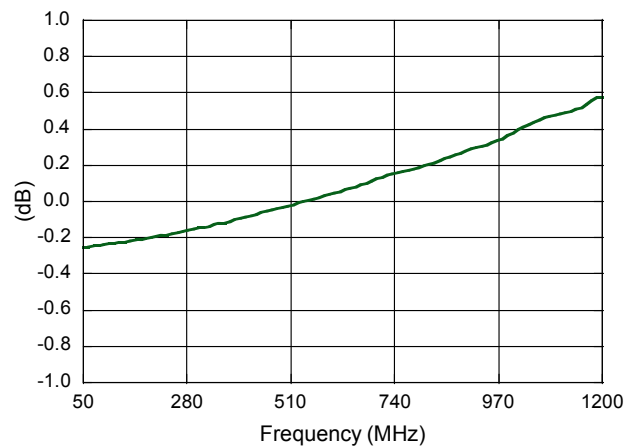
Insertion Loss 1: (Pin 6 to 3)



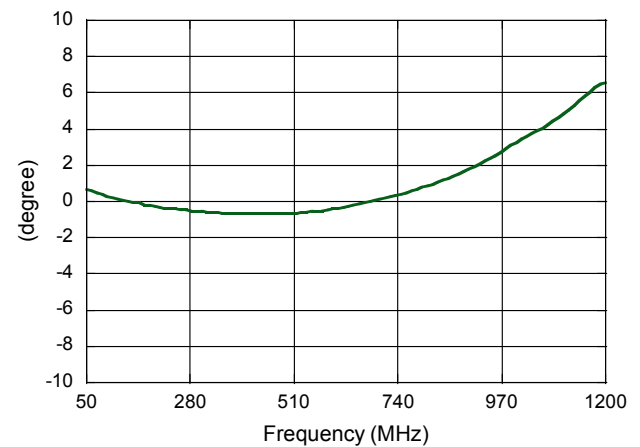
Insertion Loss 2: (Pin 6 to 1)



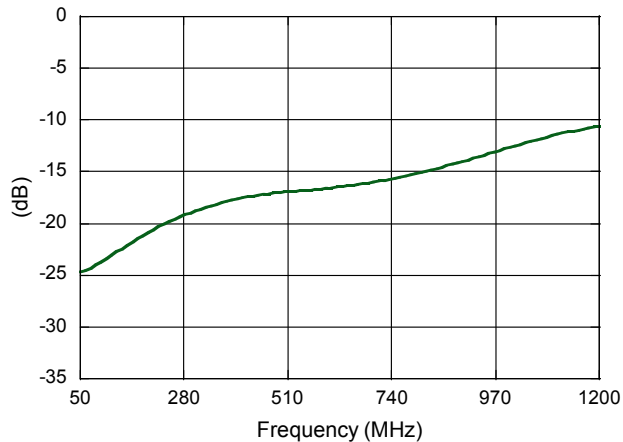
Amplitude Balance



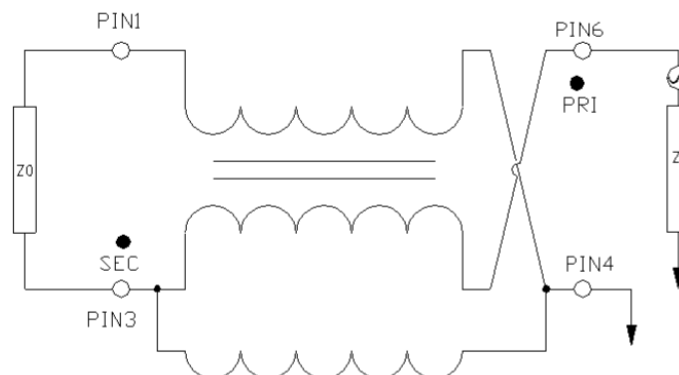
Phase Balance



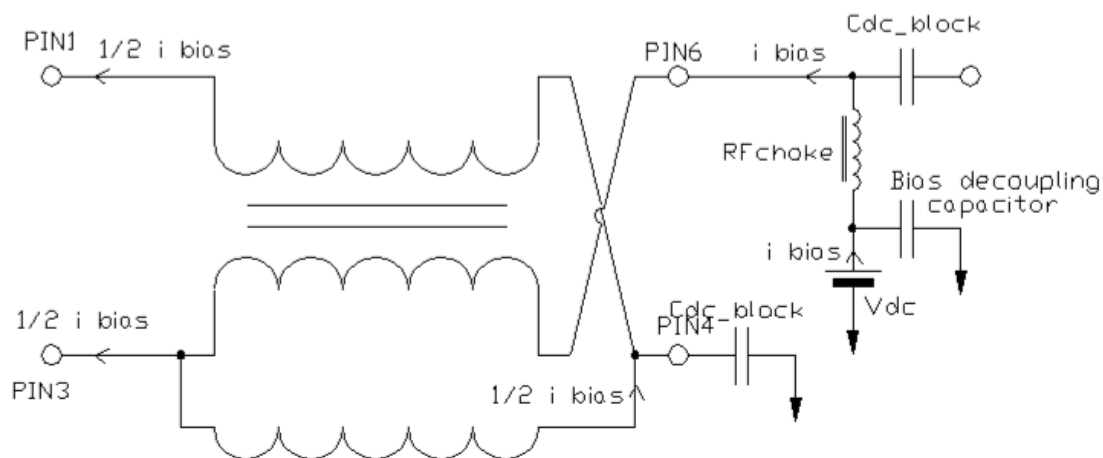
Return Loss: Input (Pin 6)



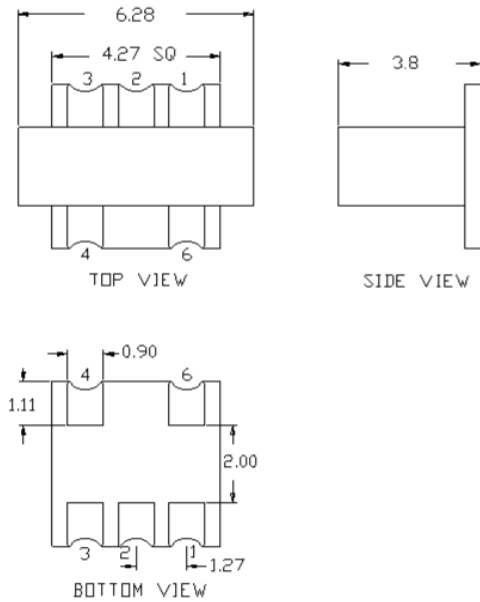
Application Circuit



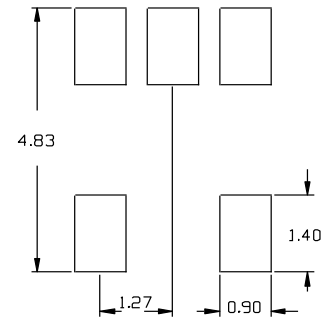
DC Bias Application Circuit



Outline Drawing

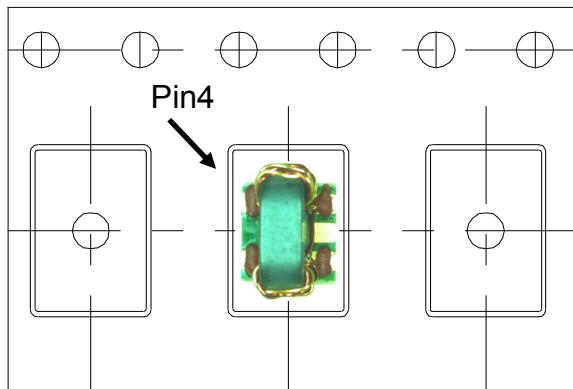


PCB Layout



1. Dimensions in mm.
2. Tolerance: ± 0.2 mm unless otherwise noted.
3. Model number and lot code are printed on the reel.
4. Lead plating: ENIG on both sides, 0.05 to 0.1 μm gold over 3 to 6 μm nickel.

Carrier Tape Orientation



Tape & Reel Information

Parameter	Units	Value
Qty per reel	-	2000
Reel Size	mm	330
Tape Width	mm	16.00
Pitch	mm	8.00
Ao	mm	4.5
Bo	mm	6.7
Ko	mm	3.8
Orientation	-	F5
Reference Application Note ANI-019 for orientation		

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