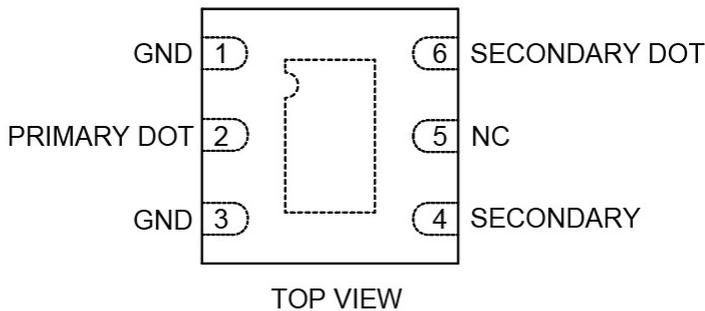
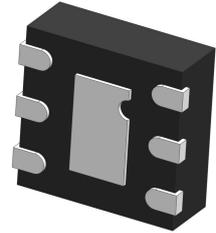


### Features

- Wideband, 5200 to 12500 MHz
- Low insertion loss
- Low unbalance
- Tiny size, 2x2x0.75mm
- Human Body Model (HBM): Class 1B (500 to < 1000V)



### Applications

- SATCOM
- WiMAX/WIBRO
- ISM
- Radar

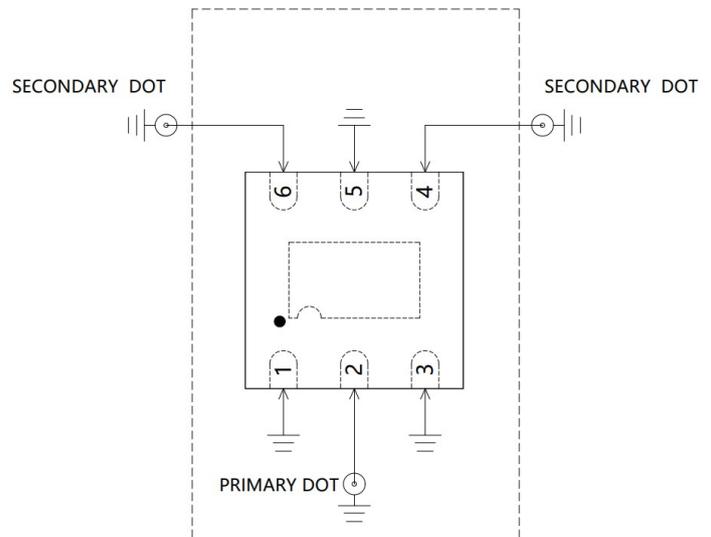
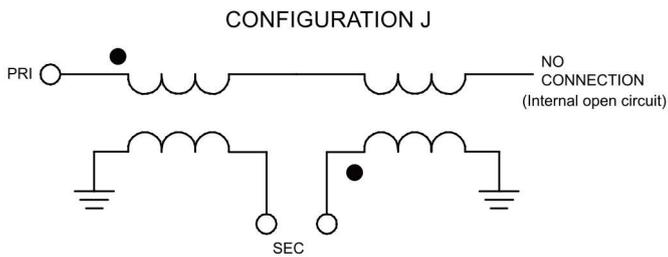
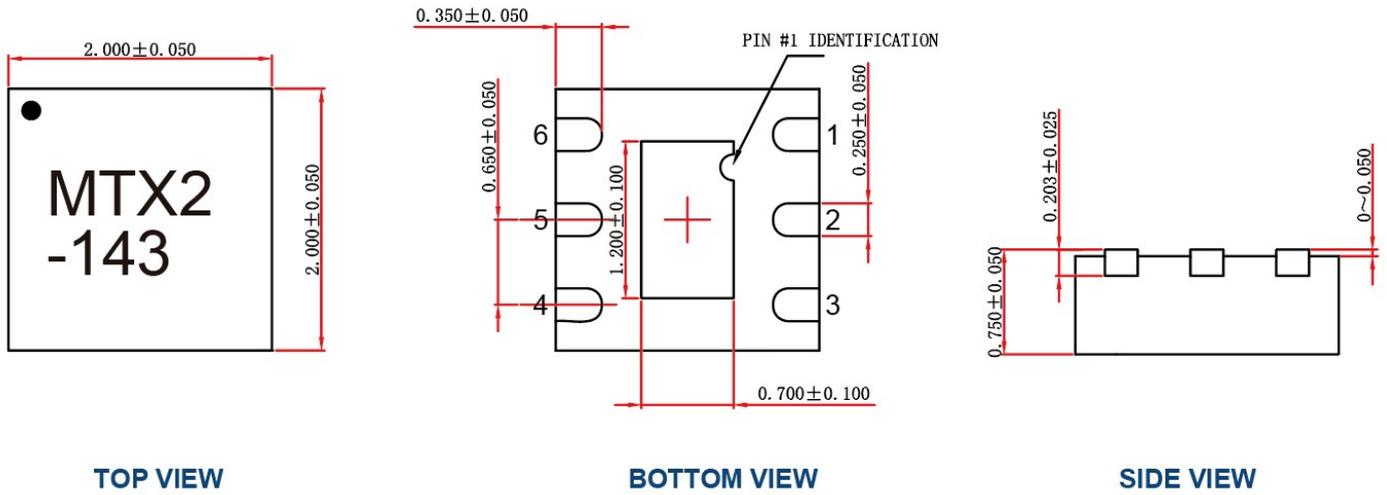
### Electrical specifications at 25°C

Parameter	Frequency (MHz)	Min.	Typ.	Max.	Units
Impedance Ratio (secondary/primary)			2		
Frequency Range		5200	-	12500	MHz
Insertion Loss <sup>1</sup>	5200 – 11200	-	0.8	-	dB
	11200 - 12500	-	1.3	-	
Amplitude Unbalance	5200-12500	-	1.0	-	dB
Phase Unbalance <sup>2</sup>	5200-12500	-	8	-	Degree
Input RF Power			34		dBm
<b>Operating &amp; Storage Condition</b>					
Operation Temperature Range: -40°C ~ +85°C					
Storage Temperature Range: -65°C ~ +150°C					

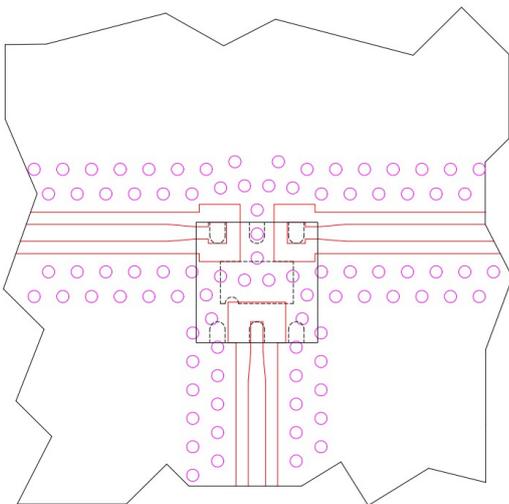
1. Insertion loss is referenced to mid-band loss, 1.5 dB.

2. Relative to 180°

### Outline Drawing



### PCB Land Pattern



Recommended Land Pattern Top View

Function	Pad Number
PRIMARY DOT (Unbalanced Port)	2
SECONDARY DOT (Balanced)	6
SECONDARY (Balanced)	4
GND	1,3 & paddle
NC (grounded on TB)	5