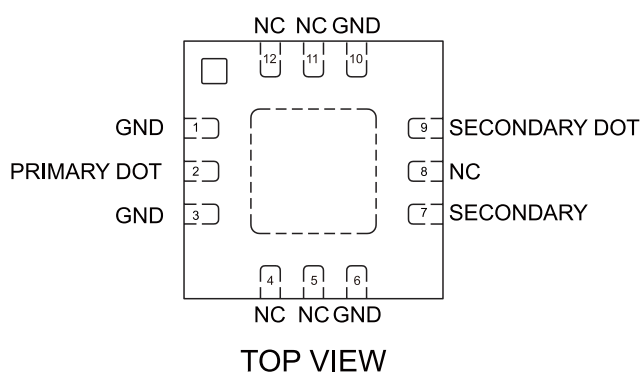
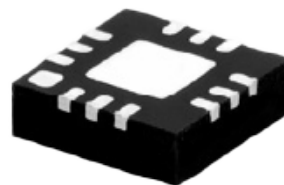


Features

- Wideband, 5500 to 13500 MHz
- Low insertion loss
- Low unbalance
- Tiny size, 3x3x0.89 mm
- Human Body Model (HBM): Class 1B (500 to < 1000V)



Applications

- SATCOM
- WiMAX/WIBRO
- ISM
- Radar

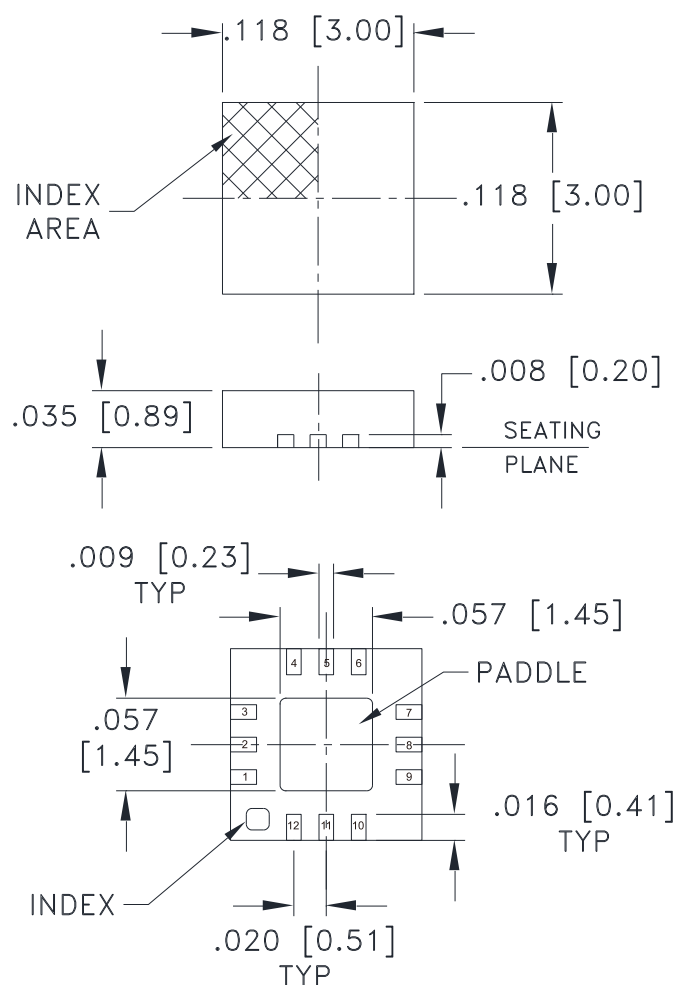
Electrical specifications at 25°C

Parameter	Frequency (MHz)	Min.	Typ.	Max.	Units
Impedance Ratio (secondary/primary)			2		
Frequency Range		5500	-	13500	MHz
Insertion Loss ¹	5500 – 11200	-	0.8	1.2	dB
	11200 - 13500	-	1.3	2.5	
Amplitude Unbalance	5500-13500	-	1.0	-	dB
Phase Unbalance ²	5500-13500	-	8	-	Degree
Input RF Power			34		dBm
Operating & Storage Condition					
Operation Temperature Range: -40°C ~ +85°C					
Storage Temperature Range: -65°C ~ +150°C					

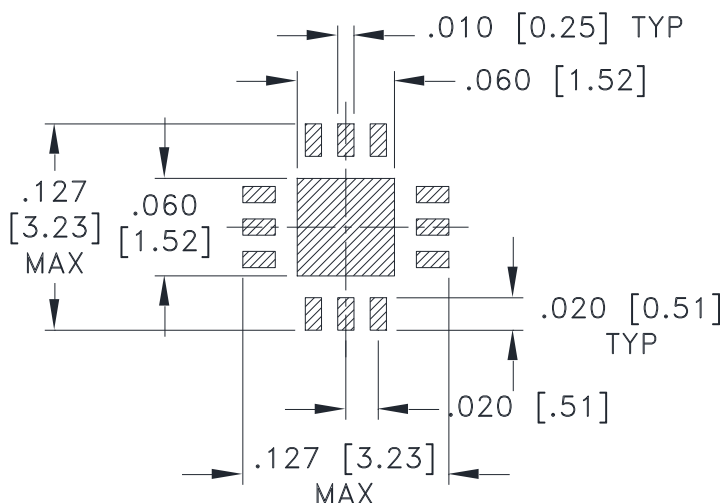
1. Insertion loss is referenced to mid-band loss, 1.5 dB.

2. Relative to 180°

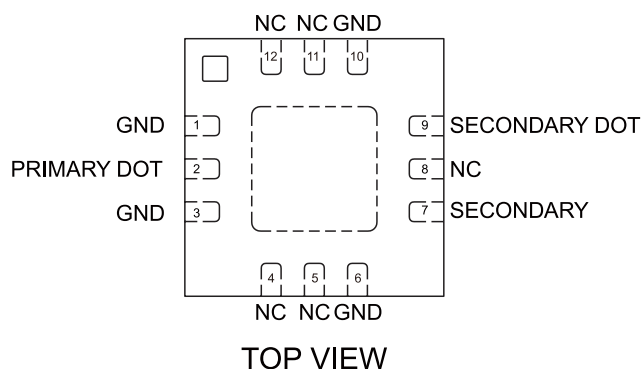
Outline Drawing (Units=inches[mm])



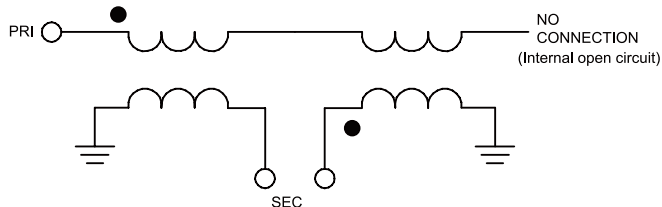
PCB Land Pattern



SUGGESTED LAYOUT,
TOLERANCE TO BE WITHIN ± 0.002



CONFIGURATION J



Function	Pad Number
PRIMARY DOT (Unbalanced Port)	2
SECONDARY DOT (Balanced)	9
SECONDARY (Balanced)	7
EXTERNAL GND	1,3,6,10 & paddle
NO CONNECTION	4,5,8,11,12