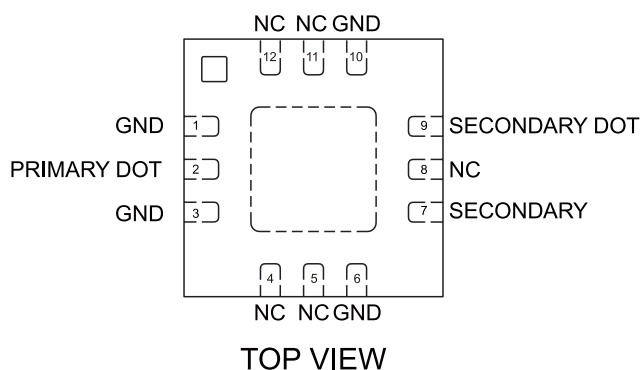
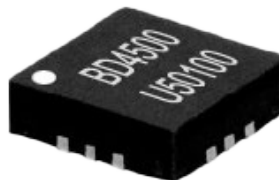
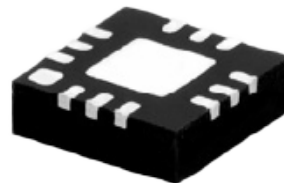


Features

- Wideband, 2000 to 7000 MHz
- Low insertion loss
- Low unbalance
- Tiny size, 3x3x0.89 mm
- Human Body Model (HBM): Class 1B (500 to < 1000V)



Applications

- WLAN
- WiMAX/WIBRO
- ISM
- Radar

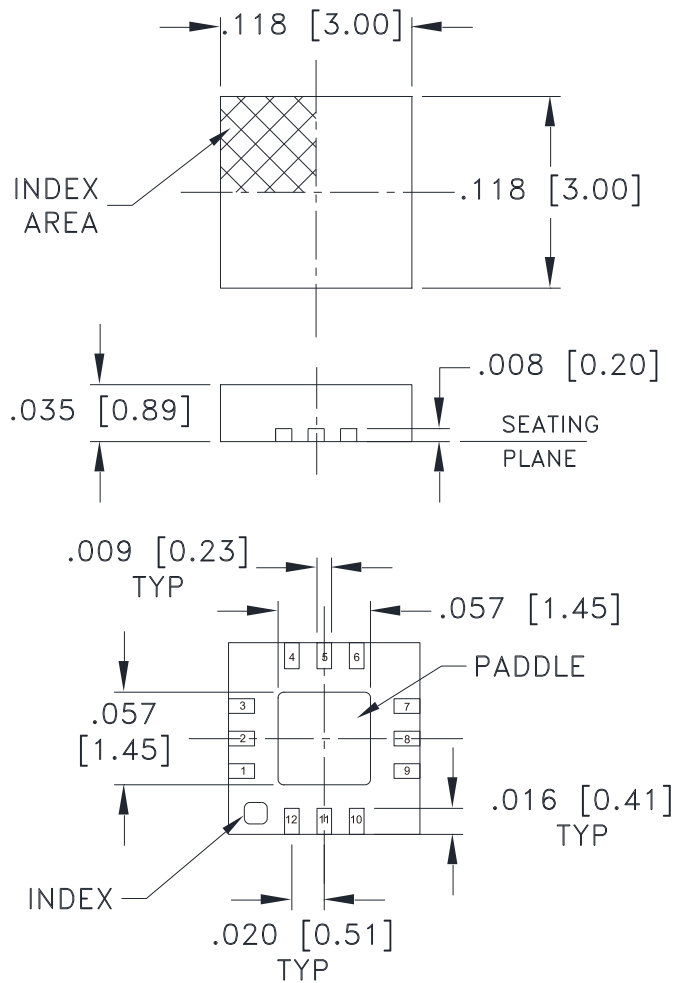
Electrical specifications at 25°C

Parameter	Frequency (MHz)	Min.	Typ.	Max.	Units
Impedance Ratio (secondary/primary)			2		
Frequency Range		2000		6000	MHz
Insertion Loss ¹	2600 – 6000	-	0.6	1.0	dB
	2000 - 7000	-	1.9	2.3	
Amplitude Unbalance	2600 – 6000	-	0.5	0.9	dB
	2000 - 7000	-	0.8	1.2	
Phase Unbalance ²	2600 – 6000	-	3	5	Degree
	2000 - 7000	-	4	7	
Input RF Power			34		dBm
Operating & Storage Condition					
Operation Temperature Range: -40°C ~ +85°C					
Storage Temperature Range: -65°C ~ +150°C					

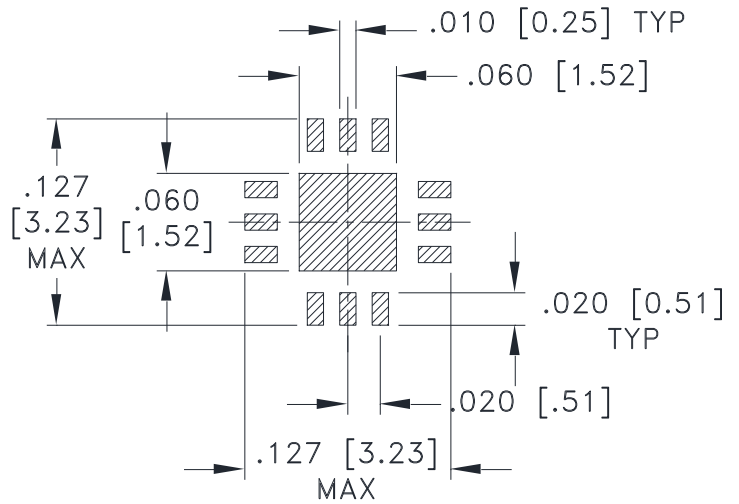
1. Insertion loss is referenced to mid-band loss, 1.5 dB.

2. Relative to 180°

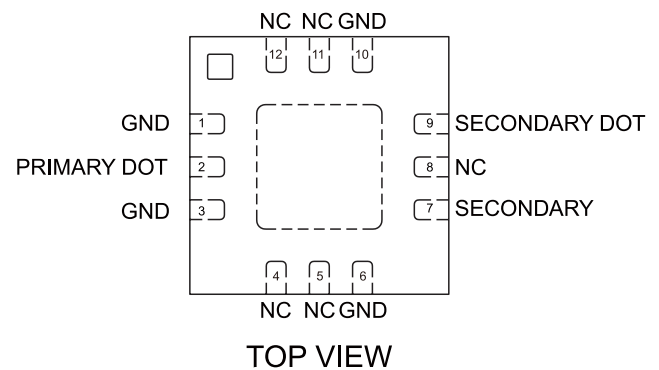
Outline Drawing (Units=inches[mm])



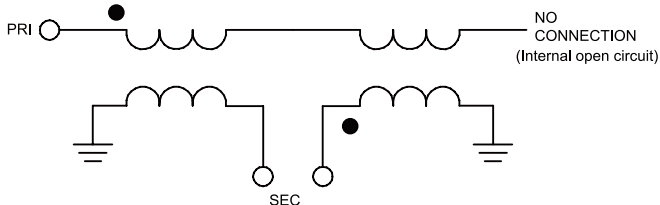
PCB Land Pattern



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	all other