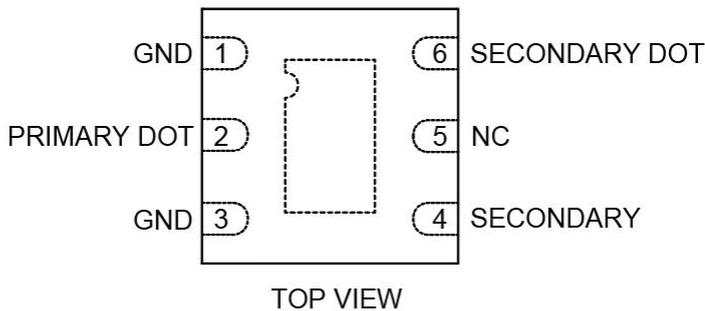
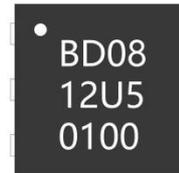
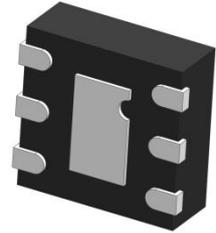


### Features

- Wideband, 8000 to 12000 MHz
- Low insertion loss
- Low unbalance
- Tiny size, 2x2x0.75mm
- Human Body Model (HBM): Class 1B (500 to < 1000V)



### Applications

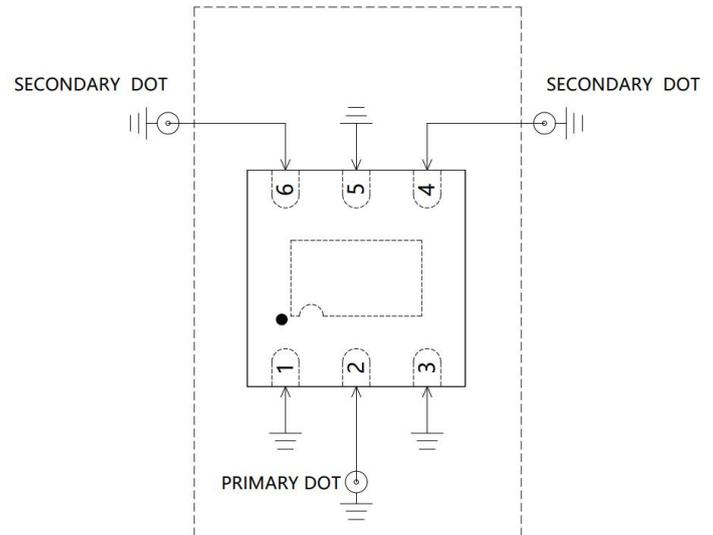
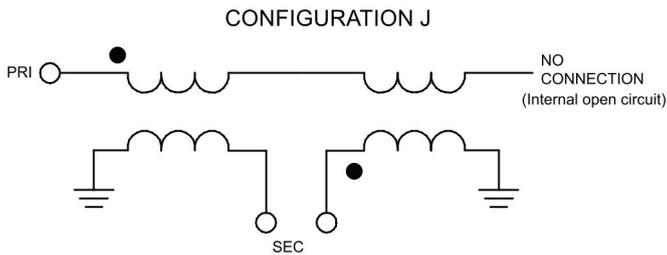
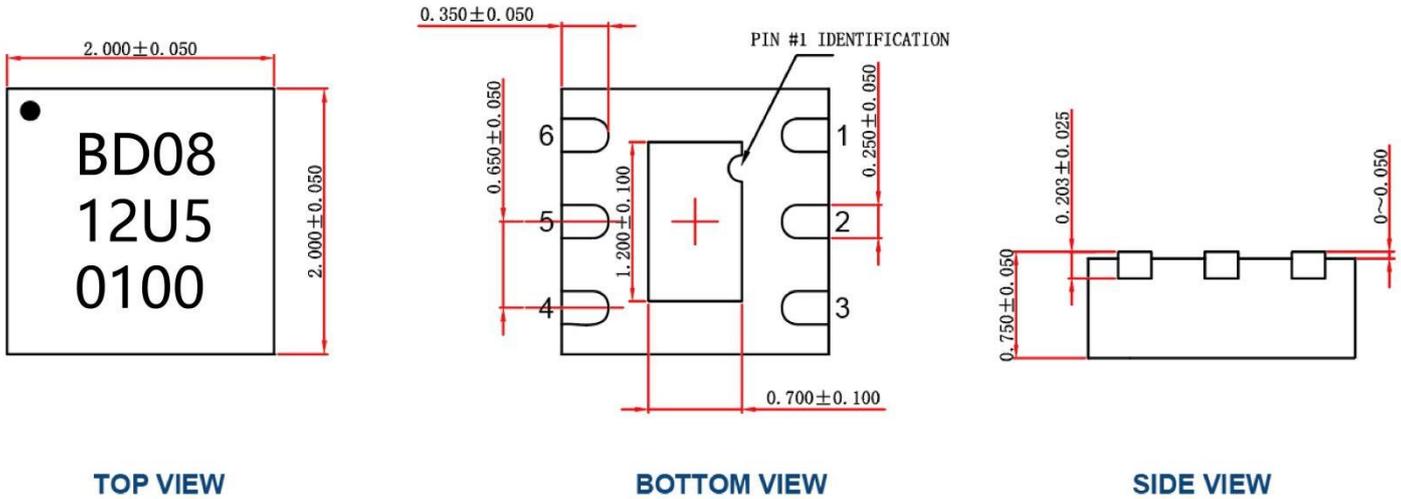
- SATCOM
- WiMAX/WIBRO
- ISM
- Radar

### Electrical specifications at 25°C

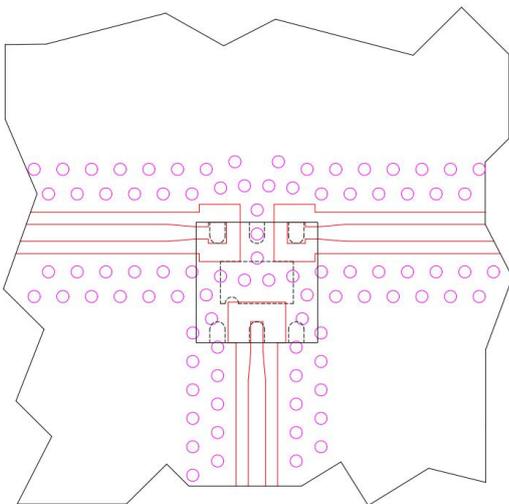
Parameter	Frequency (MHz)	Min.	Typ.	Max.	Units
Impedance Ratio (secondary/primary)			2		
Frequency Range		8000	-	12000	MHz
Insertion Loss	8000 –12000	-	1.0	-	dB
Amplitude Unbalance	8000-12000	-	1.0	-	dB
Phase Unbalance <sup>1</sup>	8000-12000	-	8	-	Degree
Input RF Power			34		dBm
<b>Operating &amp; Storage Condition</b>					
Operation Temperature Range: -40°C ~ +85°C					
Storage Temperature Range: -65°C ~ +150°C					

1. 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

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For detailed performance specs & shopping online see Yantel web site : [www.yantel-corp.com](http://www.yantel-corp.com)