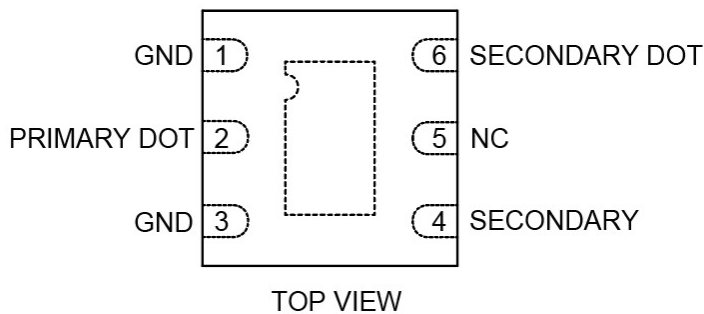
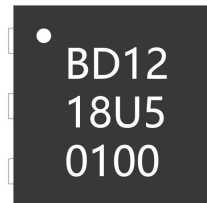
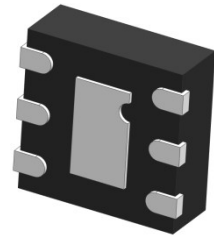


Features

- Wideband, 12 to 18 GHz
- Low insertion loss
- Low unbalance
- Tiny size, 2x2x0.75mm
- Human Body Model (HBM): Class 1A (Pass 250 V)



Applications

- Radar
- SATCOM
- Instrumentation

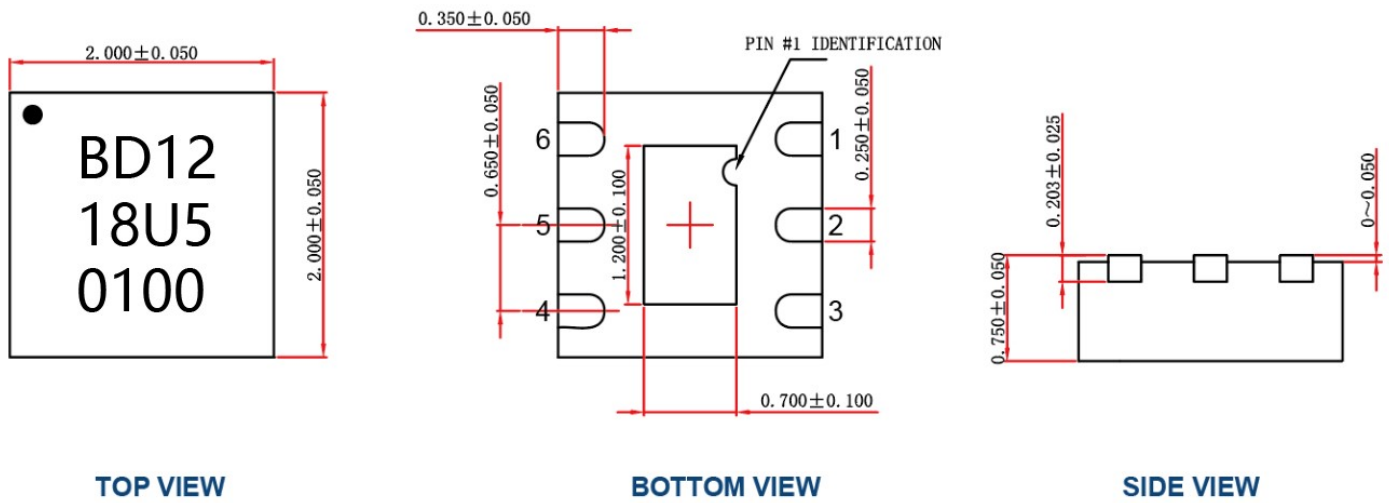
Electrical specifications at 25°C

Parameter	Frequency (GHz)	Min.	Typ.	Max.	Units
Impedance Ratio (secondary/primary)			2		
Frequency Range		12		18	GHz
Insertion Loss ¹	12-15 15-18	- -	1.0 1.2	- -	dB
Amplitude Unbalance	12-15 15-18	- -	0.5 1.2	- -	dB
Phase Unbalance ²	12-15 15-18	- -	8 9	- -	Degree
Input RF Power			31		dBm
Operating & Storage Condition					
Operation Temperature Range: -40°C ~ +85°C					
Storage Temperature Range: -65°C ~ +150°C					

1. Above 3dB theoretical.

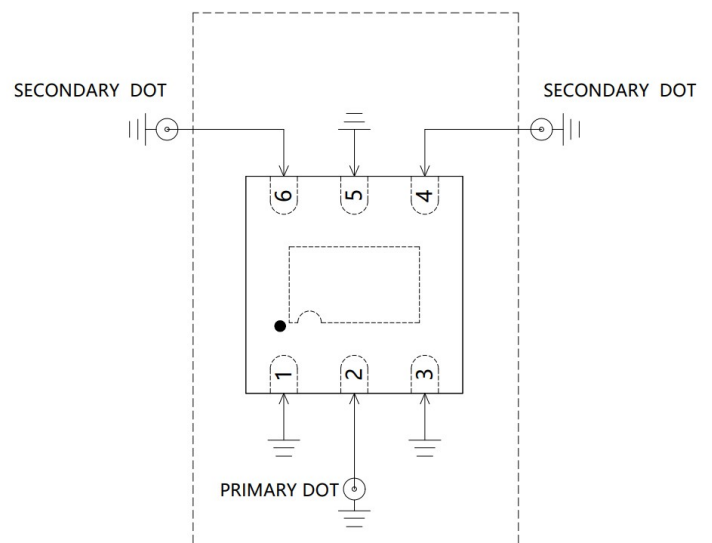
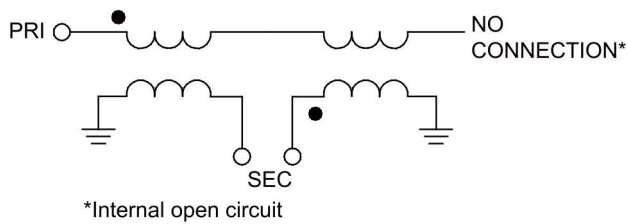
2. Relative to 180°

Outline Drawing

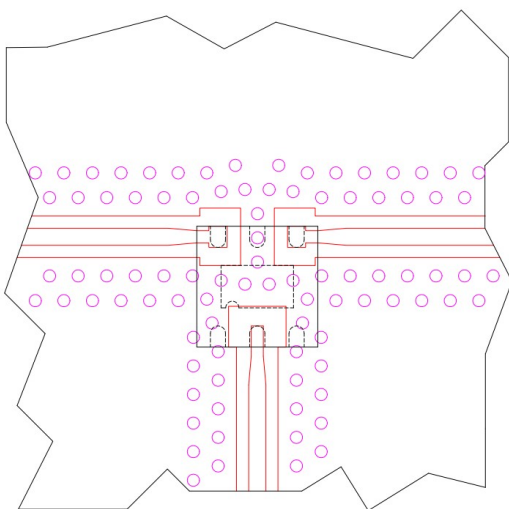


Dimensions are in mm

Configuration J



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

Typical Performance (25℃)

