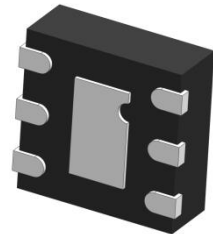
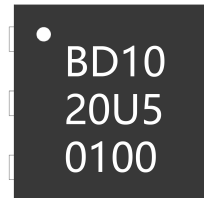
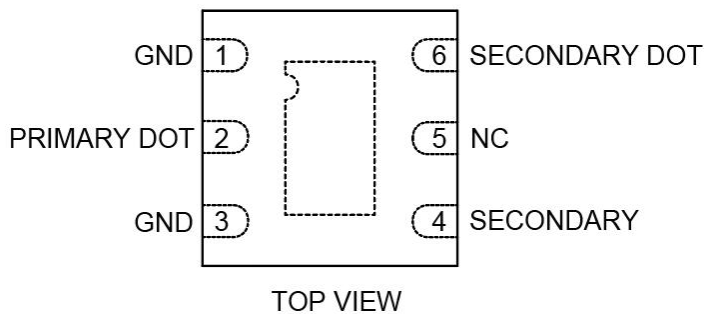


Features

- Wideband, 10 to 20 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		10		20	GHz
Insertion Loss ¹	10-12	-	1.0	-	dB
	12-15	-	1.0	-	
	15-20	-	1.3	-	
Amplitude Unbalance	10-12	-	1	-	dB
	12-15	-	0.5	-	
	15-20	-	0.3	-	
Phase Unbalance ²	10-12	-	7	-	Degree
	12-15	-	8	-	
	15-20	-	7	-	
Input RF Power			31		dBm

Operating & Storage Condition

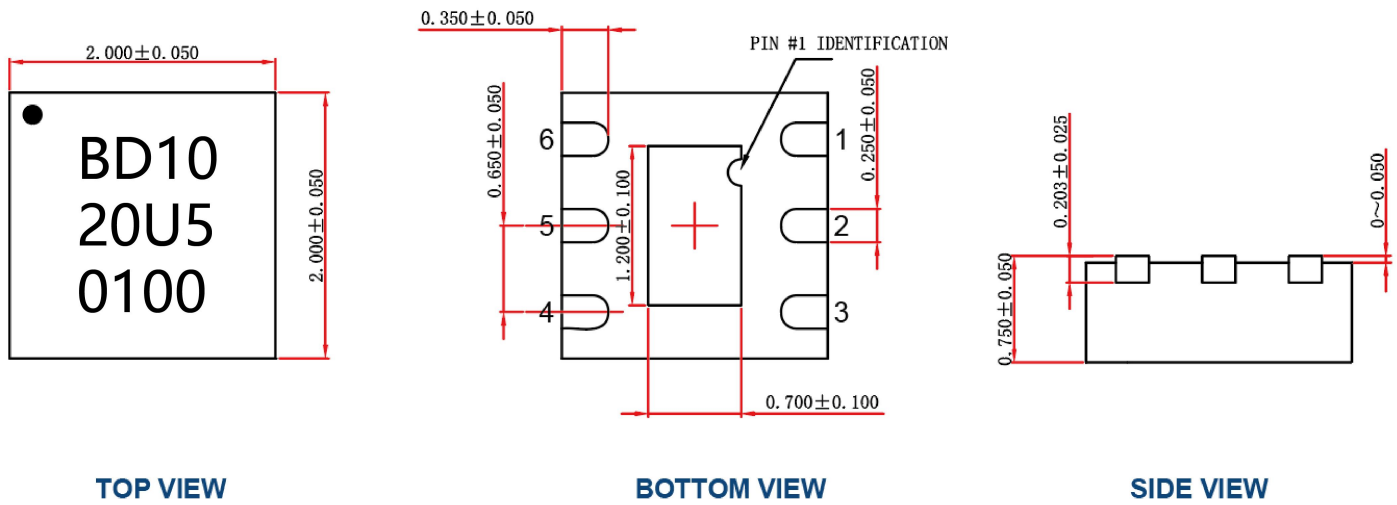
Operation Temperature Range: -40°C ~ +85°C

Storage Temperature Range: -65°C ~ +150°C

1. Above 3dB theoretical.

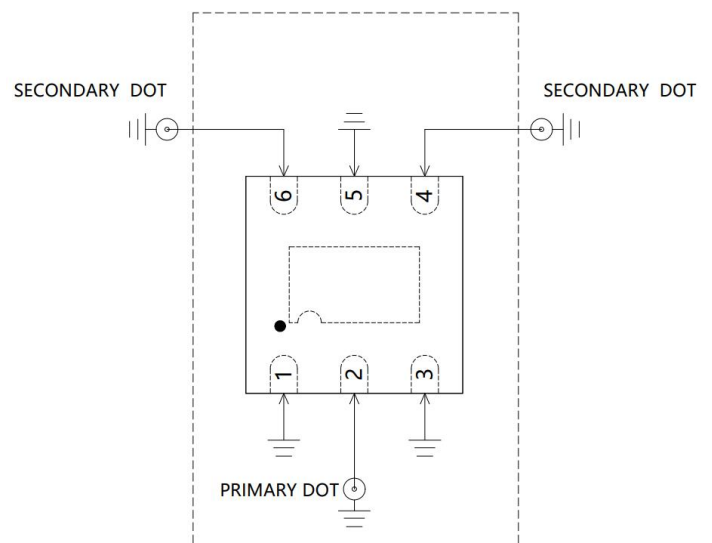
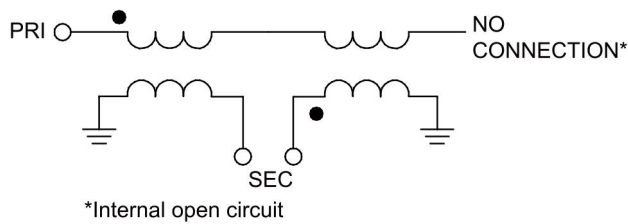
2. Relative to 180°

Outline Drawing

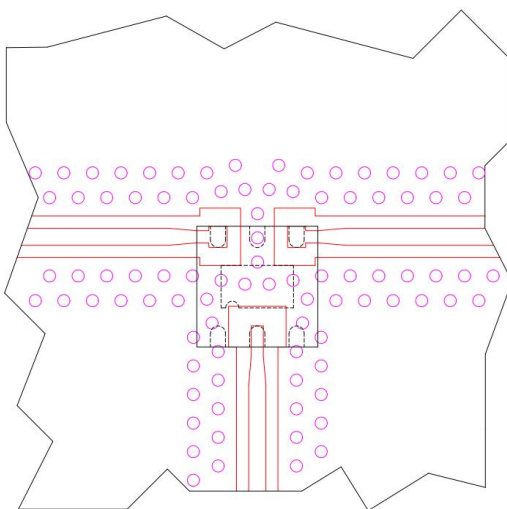


Dimensions are in mm

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

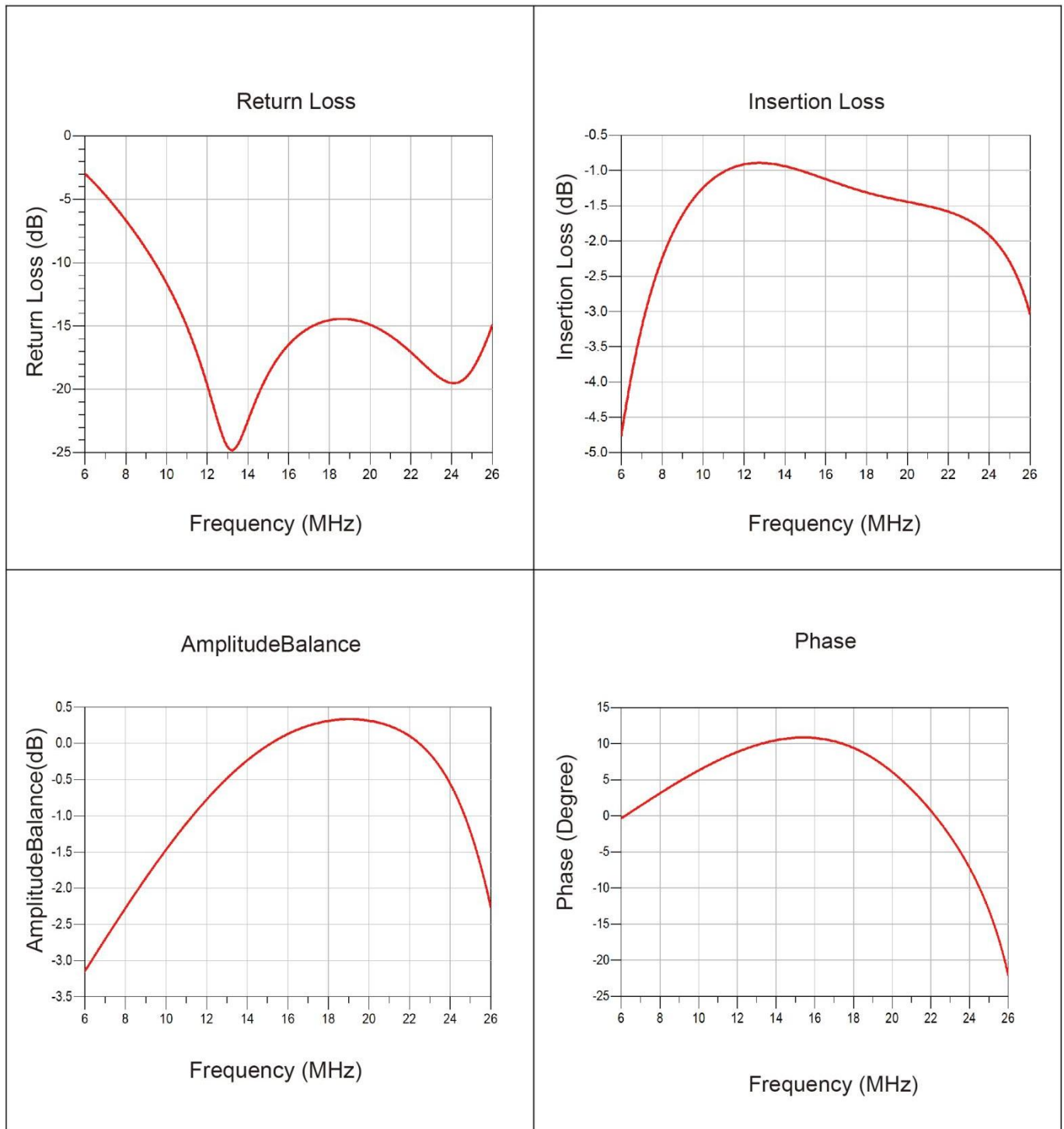
Yantel Corporation

Add: No.308-322,3F,Building 1,Juchuang Jingu Innovation Park,Wenyuan Road 35,Xili Street,Nanshan,Shenzhen,China

Tel: 86-755-8355-1886 Fax: 86-755-8355-2533

For detailed performance specs & shopping online see Yantel web site : www.yantel-corp.com

Typical Performance (25° C)



Yantel Corporation

Add: No.308-322,3F,Building 1,Juchuang Jingu Innovation Park,Wenyuan Road 35,Xili Street,Nanshan,Shenzhen,China

Tel: 86-755-8355-1886 Fax: 86-755-8355-2533

For detailed performance specs & shopping online see Yantel web site : www.yantel-corp.com