

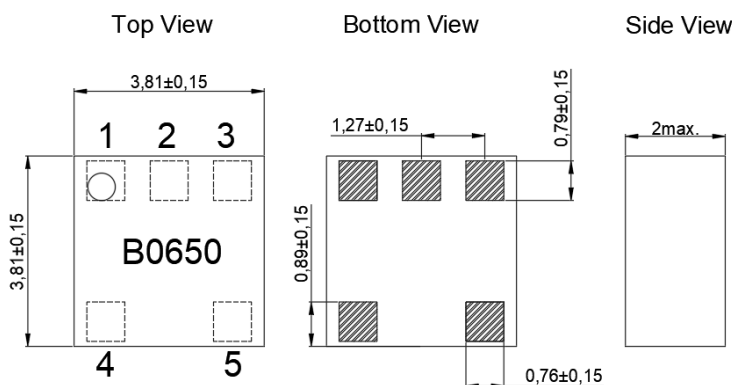
Features

- Multilayer monolithic construction yields high reliability
- Low insertion loss and small size SMD chip design
- Can simplify your complex tuning and circuit design
- LTCC process
- Surface process: Nickel tin electroplating (lead-free)

Specifications

NO.	Items	Spec	Typ.	Unit
1	Frequency range	300~1000	300~1000	MHz
2	Unbalanced Impedance	50	50	Ohms
3	Differential Balanced Imp.	50	50	Ohms
4	Return Loss at Unbalanced Port	10 min.	20	dB
5	Insertion Loss	1.5 max.	1.35	dB
6	Amplitude Difference	0.6 max.	0.55	dB
7	Phase Difference	180 ± 10	3.8	deg
Operating & Storage Condition (Component)				
Operation Temperature Range: -40°C ~ +85°C				
Storage Temperature Range: -40°C ~ +85°C				
Storage Condition before Soldering (Included packaging material)				
Storage Temperature Range: +5 ~ +40 °C				
Humidity: 30 to 70% relative humidity				

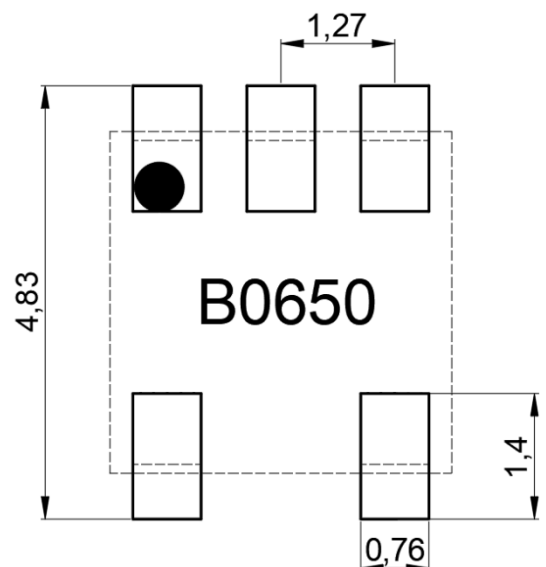
Construction & Dimensions



- 1:Secondary Dot
- 2:NC
- 3:Secondary
- 4:Primary Dot
- 5:GND

Unit:mm

Mounting Considerations



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 Electrical Characteristics (T=25°C)

