

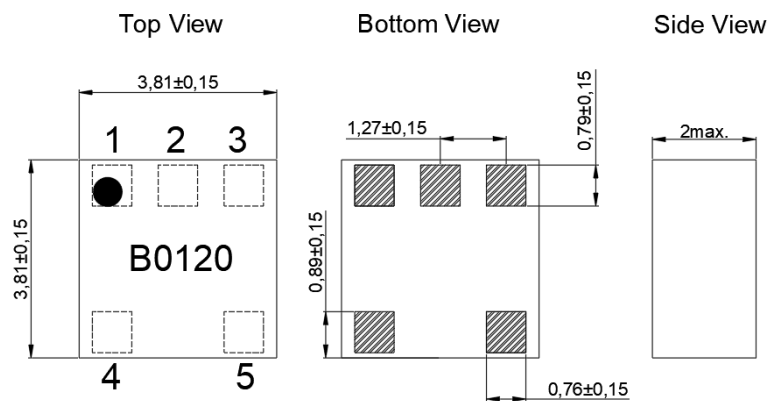
Features

- 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	80~160	80~160	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.	1.4	dB
6	Amplitude Difference	0.6 max.	0.38	dB
7	Phase Difference	180 ± 10	4.9	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				

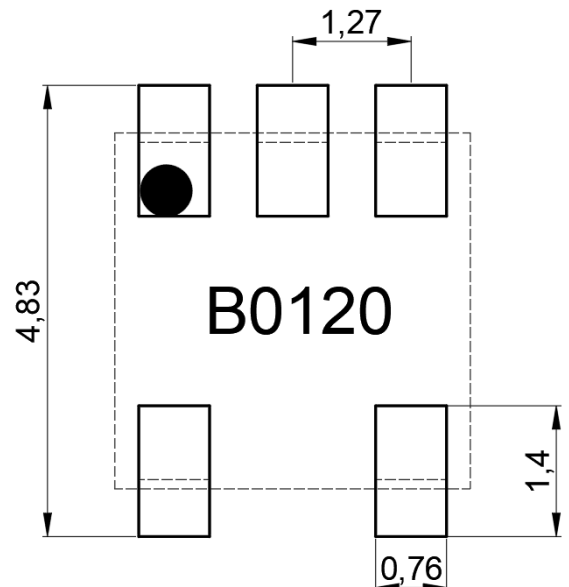
Construction & Dimensions



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

Unit:mm

Mounting Considerations

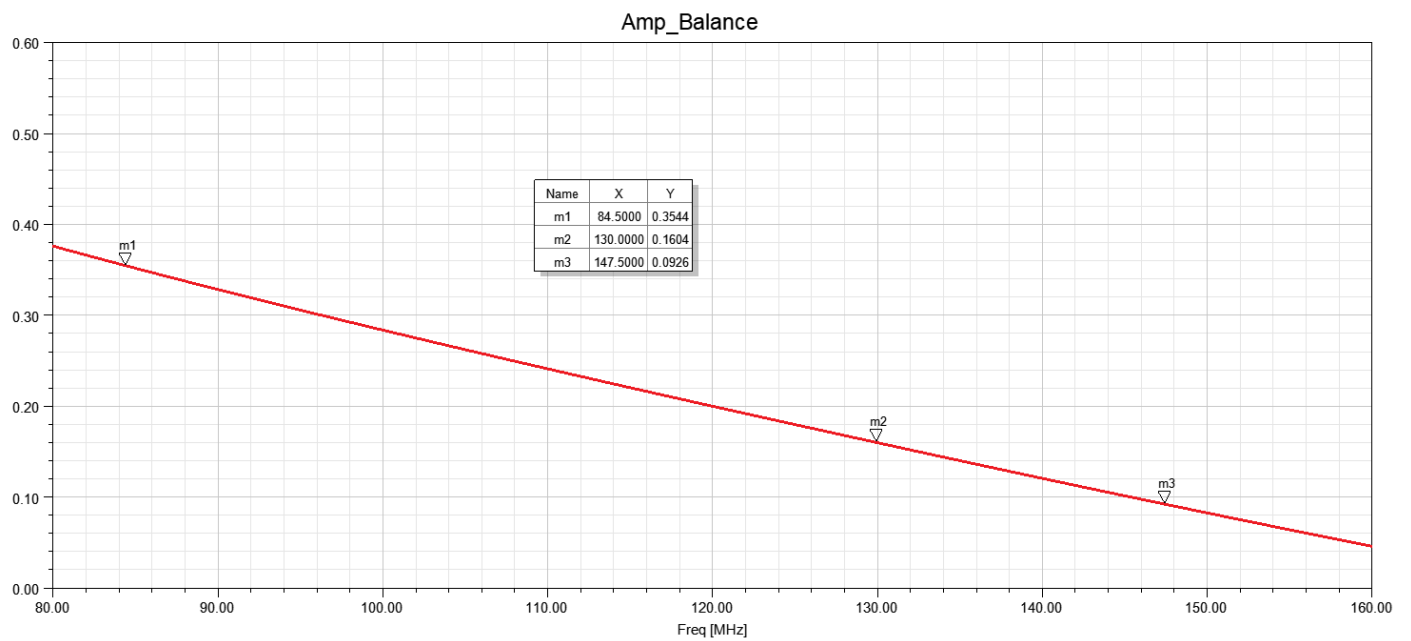
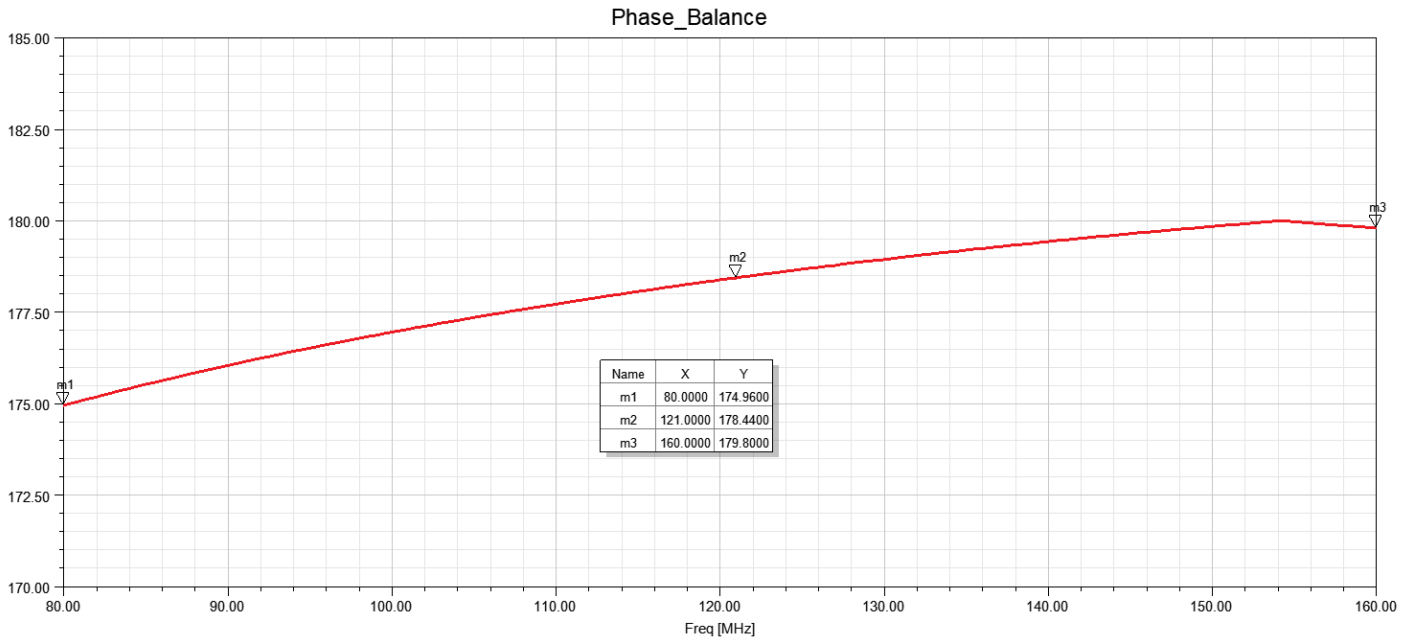


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For detailed performance specs & shopping online see Yantel web site : www.yantel-corp.com

Typical Electrical Characteristics (T=25°C)



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