

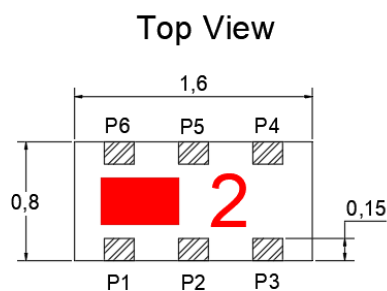
Features

- 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
- Isolation resistor, external 100 ohms

Specifications

NO.	Items	Spec	Unit
1	Frequency range	4800~7200	MHz
2	Insertion Loss, above 3.0 dB	1.6 max.	dB
3	Isolation.	12 min.	dB
4	Phase Unbalance	7 max.	°
5	Amplitude Unbalance	0.5 max.	dB
6	Return Loss (Input)	10 min.	dB
7	Return Loss (Output)	10 min.	dB
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			

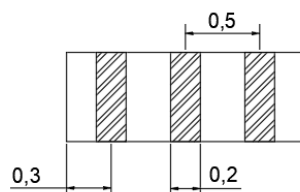
Construction & Dimensions



Side View



Bottom View



P2:SUM PORT
P6:PORT1
P4:PORT2
P1,P3,P5:GND
PORT1-2: Resistor external 100Ω

■ Marking

▨ Solder

Unit:mm

Tolerance:±0.10mm

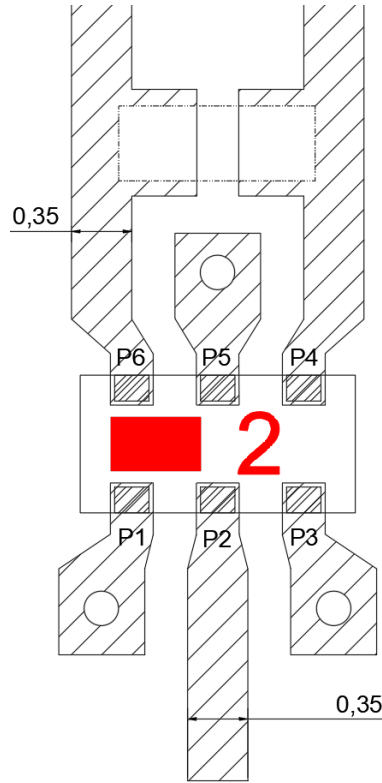
Yantel Corporation

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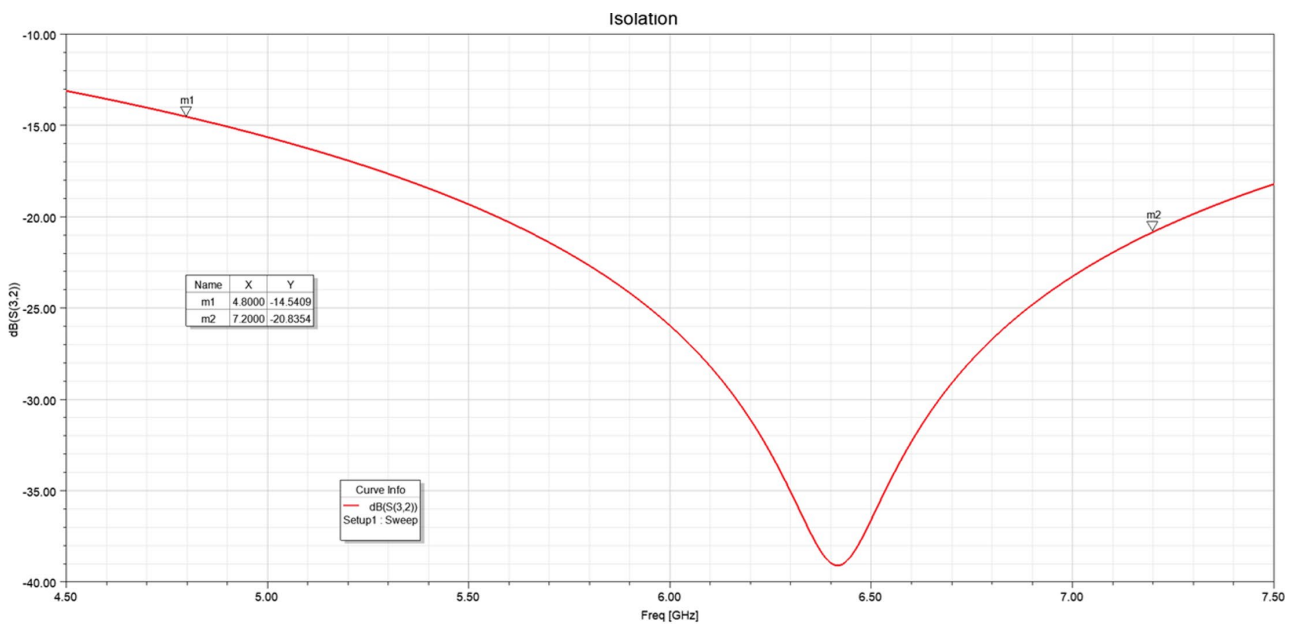
For detailed performance specs & shopping online see Yantel web site : www.yantel-corp.com

Mounting Considerations



R1:100Ω,0402 Size

Typical Electrical Characteristics (T=25°C)



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