

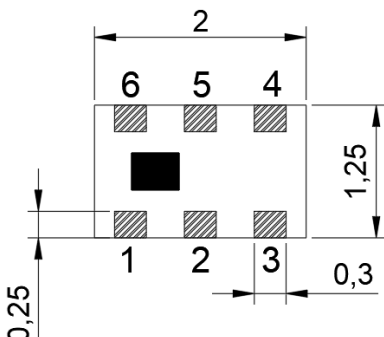
Features

- 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 150 ohms

Specifications

NO.	Items	Spec	Typ.	Unit
1	Frequency range	900~1600	-	MHz
2	Insertion Loss, above 4.8 dB	1.8 max.	1.2	dB
3	Isolation.	11.5	18	dB
4	Phase Unbalance	8.5 max.	5	°
5	Amplitude Unbalance	0.8 max.	0.2	dB
6	Return Loss (Input)	-	12	dB
7	Return Loss (Output)	-	20	dB
8	Power Input	2 max.	-	W
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

Top View  SIDE View  Unit:mm Tolerance:±0.1mm	SUM PORT	2
	Port 1	6
	Port 2	4
	Port 3	3
	GND	1、 5
	1-2, 2-3, 1-3	resistor external 150 ohms

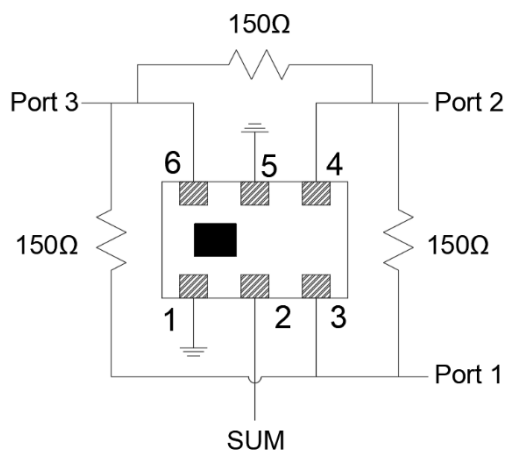
Yantel Corporation

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

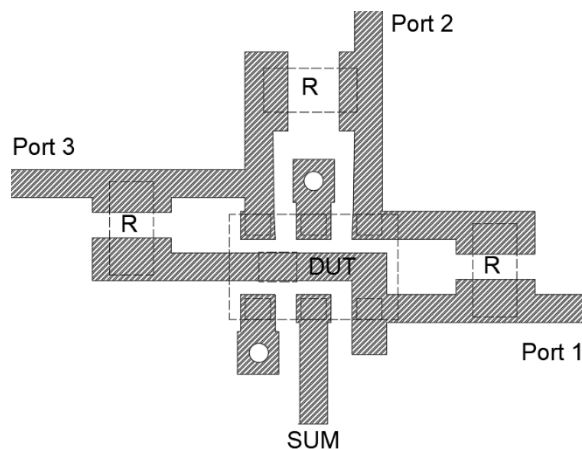
Tel: 86-755-8355-1886 Fax: 86-755-8355-2533

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

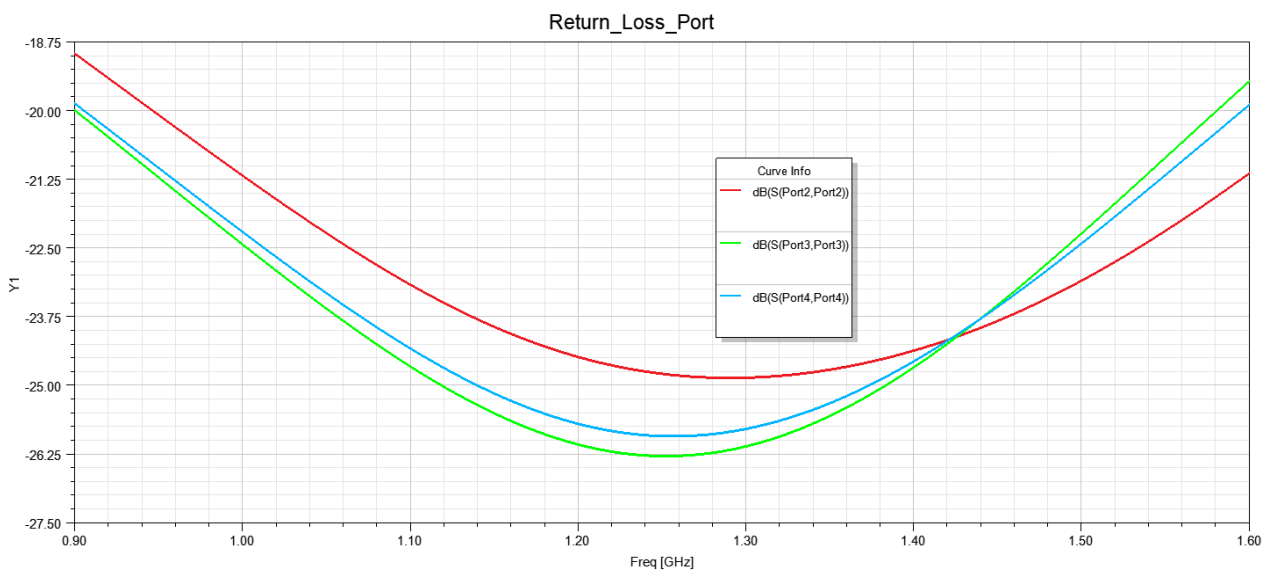
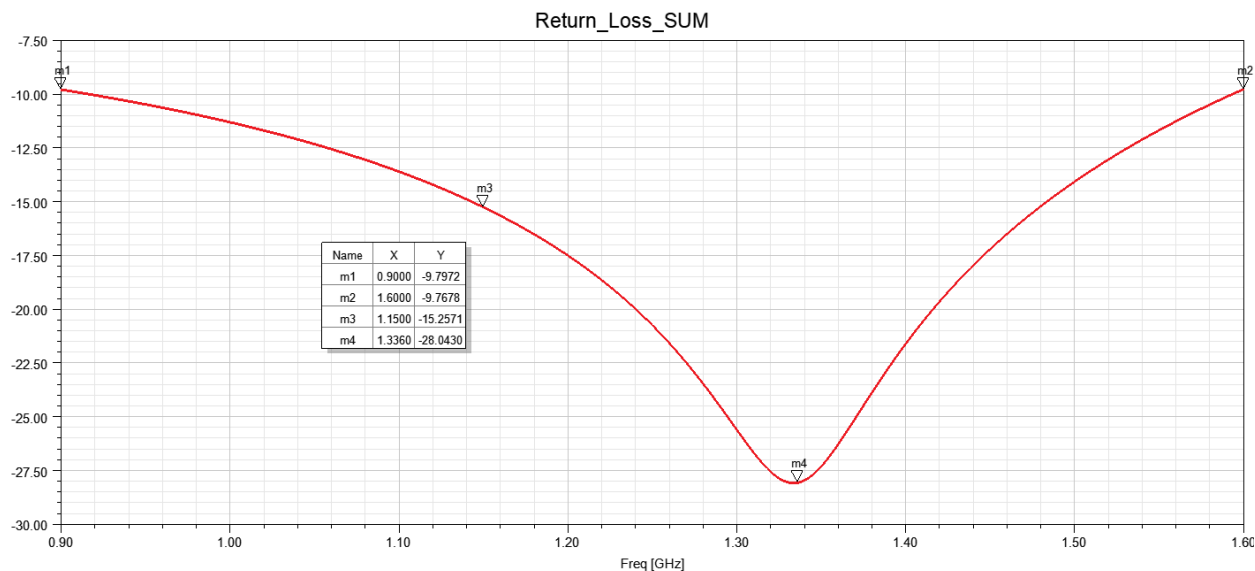
Electrical schematic



Mounting Considerations



Typical Electrical Characteristics (T=25°C)



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