

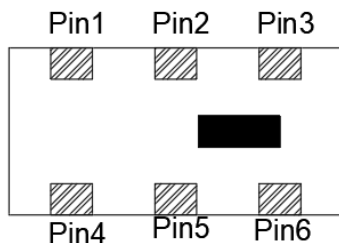
### Features

- 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

### Specifications

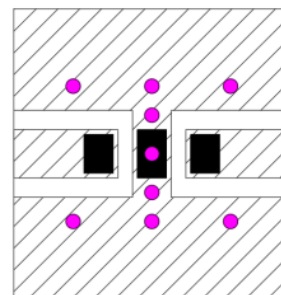
| NO. | Parameter                   | SPEC                                                      |
|-----|-----------------------------|-----------------------------------------------------------|
| 1   | Frequency range             | 3300~3800 MHz                                             |
| 2   | Insertion Loss              | 0.6 dB max. at +25°C                                      |
| 3   | Attenuation                 | 35 dB min. @ 6600~7600 MHz<br>35 dB min. @ 9900~11400 MHz |
| 4   | VSWR (In BW)                | 2.0 max.                                                  |
| 5   | Port Impedance              | 50Ω                                                       |
| 6   | Power                       | 3W max.                                                   |
| 7   | Operation Temperature Range | -40°C ~ +85°C                                             |

### Construction



| PIN | Connection  |
|-----|-------------|
| 1   | GND         |
| 2   | Input port  |
| 3   | GND         |
| 4   | GND         |
| 5   | Output port |
| 6   | GND         |

### Mounting Considerations



- Land
- ▨ Solder
- Through-hole

Unit: mm

Line width to be designed to match 50 Ω characteristic impedance, depending on PCB material and thickness

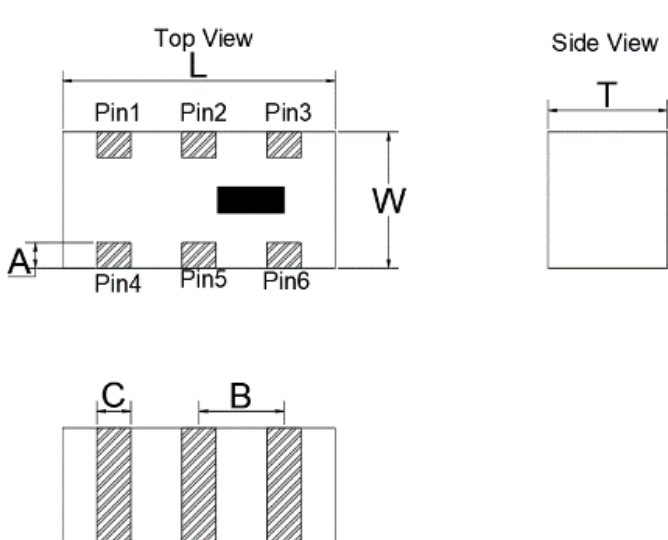
### Yantel Corporation

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

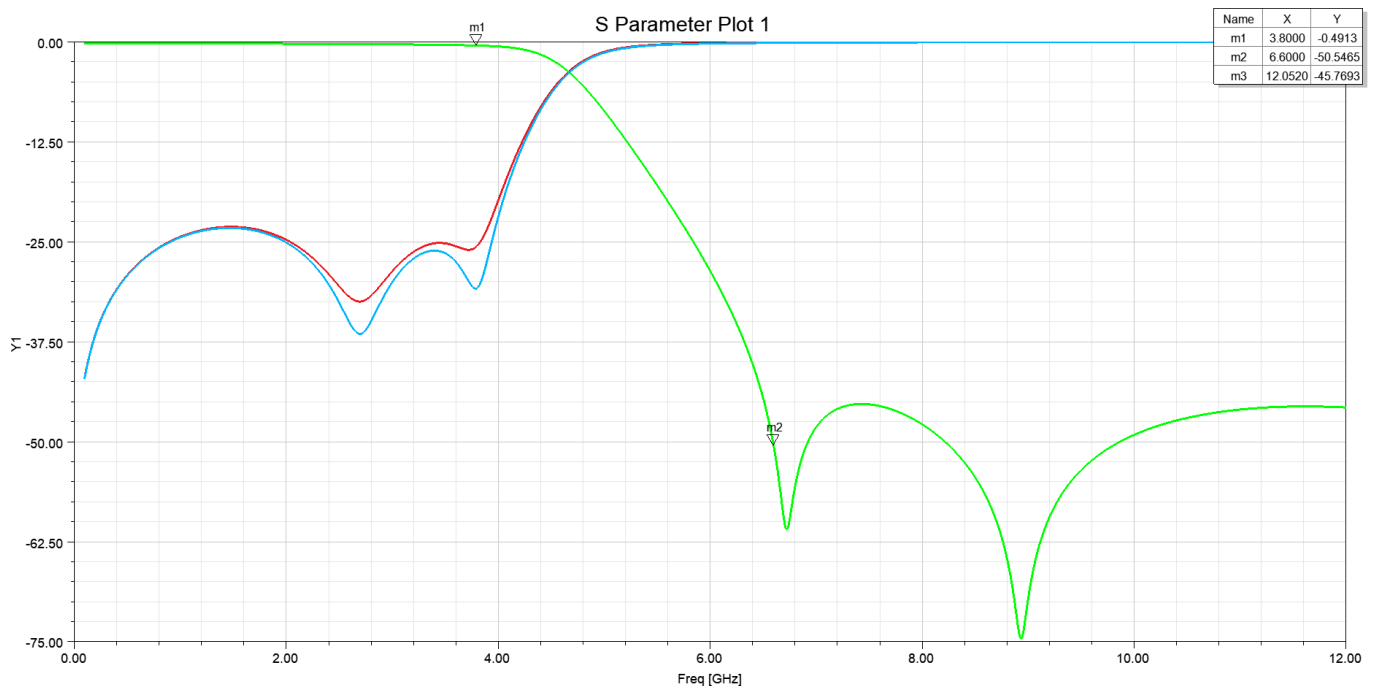
Tel: 86-755-8355-1886 Fax: 86-755-8355-2533

For detailed performance specs & shopping online see Yantel web site : [www.yantel-corp.com](http://www.yantel-corp.com)

## Dimensions

| Figure                                                                             | Symbol | Dimension (mm)  |
|------------------------------------------------------------------------------------|--------|-----------------|
|  | L      | $1.6 \pm 0.10$  |
|                                                                                    | W      | $0.8 \pm 0.10$  |
|                                                                                    | T      | $0.6 \pm 0.10$  |
|                                                                                    | A      | $0.15 \pm 0.10$ |
|                                                                                    | B      | $0.55 \pm 0.10$ |
|                                                                                    | C      | $0.30 \pm 0.10$ |

## Typical Electrical Characteristics (T=25°C)

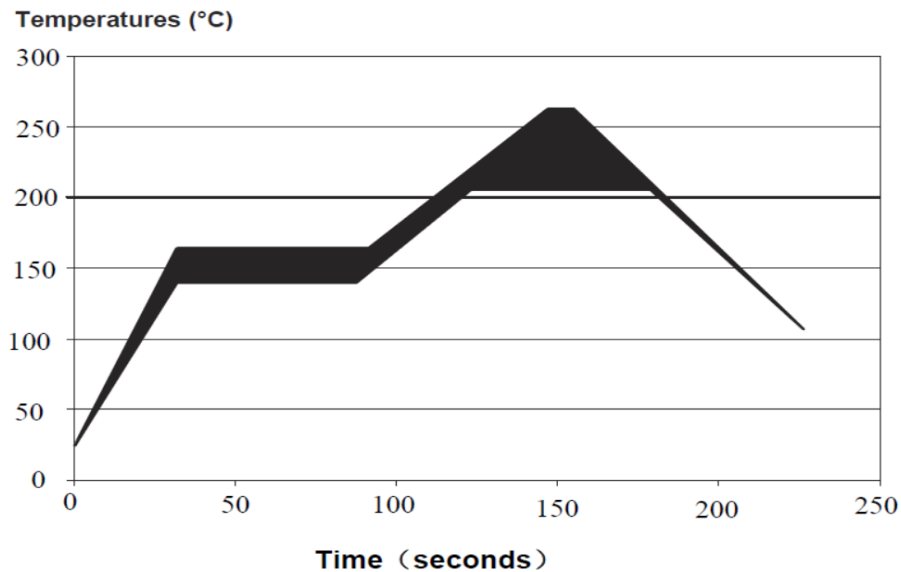


## Yantel Corporation

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](http://www.yantel-corp.com)

## Solder Reflow Standard Conditioning



## Storage Conditions

Temperature : +5 to +30 °C

Humidity : 20 to 70% RH

Term of storage : Within 12 months (After the delivery) \*

Baking : Unnecessary

\* After peeling off cover tape, do not keep exposing the products to the open air. For the products stored longer than 12 months, confirm their terminals and solderability before use.