

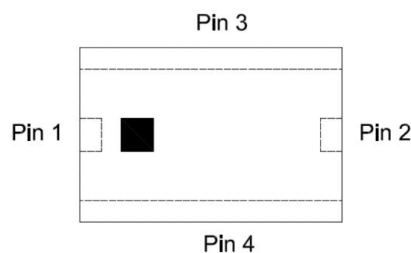
Features

- 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

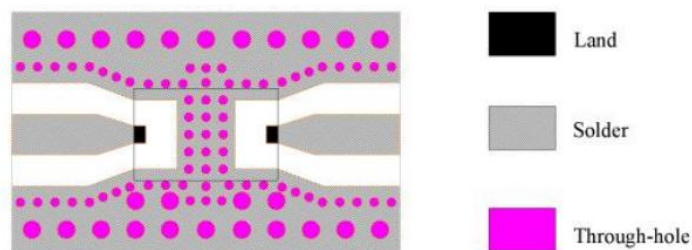
NO.	Parameter	Frequency (MHz)	SPEC	
			Min.	Max.
1	Insertion Loss (dB)	815~865		-
2	Ripple	815~865		1.3
3	Attenuation (dB)	740	45	
		940	45	
4	VSWR	815~865		2.0
5	In/Output Impedance (Ω)		50	

Construction



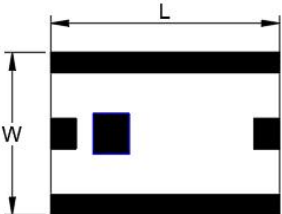
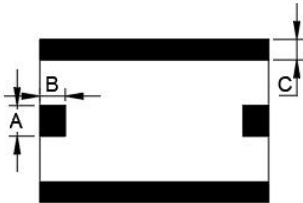
PIN	Connection
1	Input Port
2	Output Port
3	GND
4	GND

Mounting Considerations



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

Dimensions

Figure	Symbol	Dimension (mm)
	L	5.0±0.20
	W	3.2±0.20
	T	2.0±0.20
	A	0.60±0.10
	B	0.40±0.10
	C	0.4±0.10

Typical Electrical Characteristics (T=25°C)



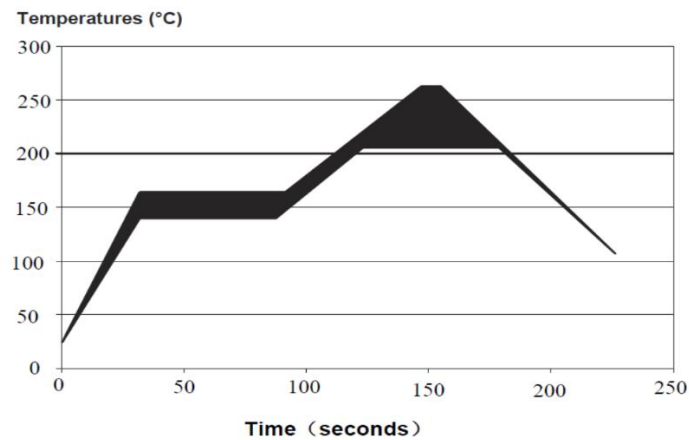
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For detailed performance specs & shopping online see Yantel web site : www.yantel-corp.com

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.