

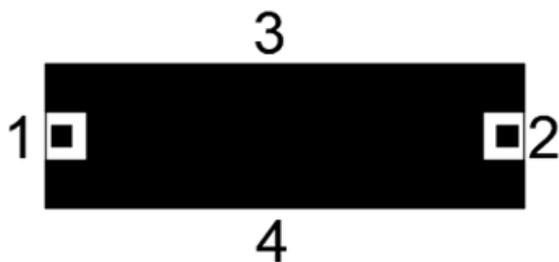
Features

- 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

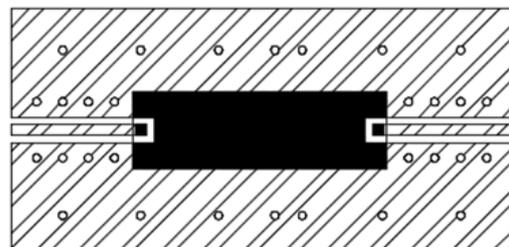
Specifications

NO.	Parameter	SPEC
1	Frequency range	2166.5-3833.5 MHz
2	Insertion Loss	4.3 dB @2166.5-3833.5 MHz
		2.5 dB @2400-3600 MHz
3	In band ripple	3.2 dB @2166.5-3833.5 MHz
		1.2 dB @2400-3600 MHz
4	Attenuation	50 dB @DC-1840 MHz
		20 dB @1840-2000 MHz
		20 dB @4000-4160 MHz
		50 dB @4160-5000 MHz
		50 dB @5000-8000 MHz
		20 dB @8000-10000 MHz
5	Return loss	13 dB
6	Port Impedance	50Ω
7	Power	2W max.
8	Operation Temperature Range	-40°C ~ +85°C

Construction

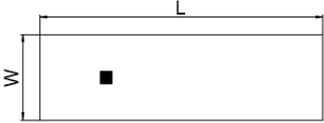


Mounting Considerations



PIN	Connection	PIN	Connection
1	Input port	2	Out port

Dimensions

Figure	Symbol	Dimension (mm)	
Top View 	L	16.50 ± 0.20	
	W	5.00 ± 0.20	
Side View 	T	2.70 Max	
	A	0.70 ± 0.10	
Bottom View 	B	0.70 ± 0.10	
	C	1.70 ± 0.10	
	D	13.70 ± 0.10	
	E	14.70 ± 0.10	

Typical Electrical Characteristics (T=25°C)

