

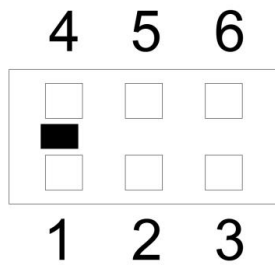
### Features

- 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

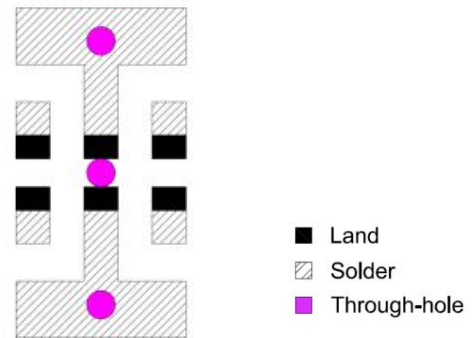
NO.	Parameter	SPC
1	Frequency range	1650-2180 MHz
2	Insertion Loss	0.7 dB max.
3	Attenuation	20 dB min. @ 3350~4360 MHz 40 dB min. @ 5085~6540 MHz
4	Ruture Loss (In BW)	15.0.
5	Port Impedance	50Ω
6	Operation Temperature Range	-40°C ~ +85°C

### Construction



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

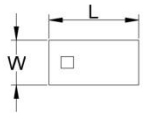
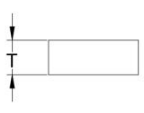
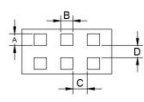
### Mounting Considerations



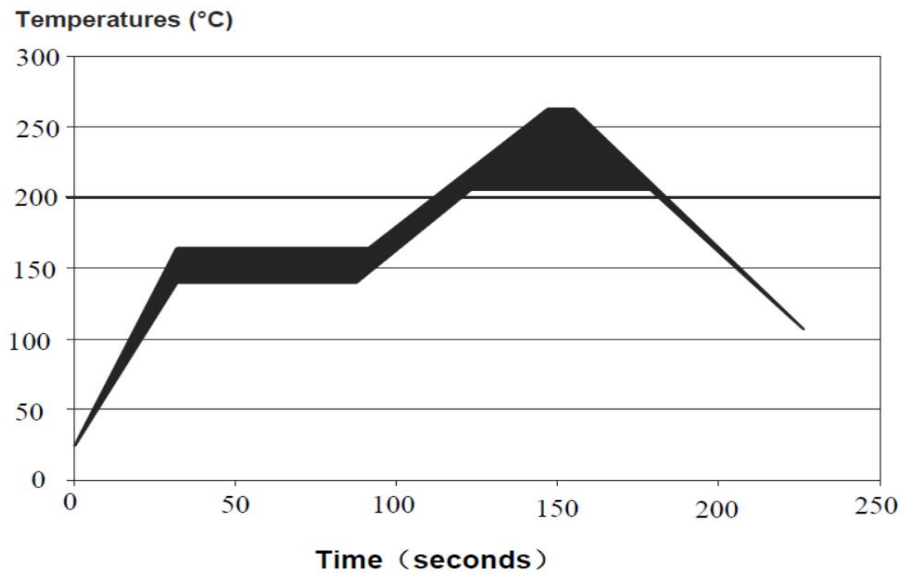
Unit: mm

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

### Dimensions

Figure	Symbol	Dimension (mm)
<div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p>TOP VIVE</p>  </div> <div style="text-align: center;"> <p>SIDE VIVE</p>  </div> <div style="text-align: center;"> <p>BOTTOM VIVE</p>  </div> </div>	L	$1.0 \pm 0.05$
	W	$0.5 \pm 0.05$
	T	$0.38 \pm 0.05$
	A	$0.125 \pm 0.05$
	B	$0.18 \pm 0.05$
	C	$0.18 \pm 0.05$
	D	$0.15 \pm 0.05$

### 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.