Electrical Specifications(50Ω)

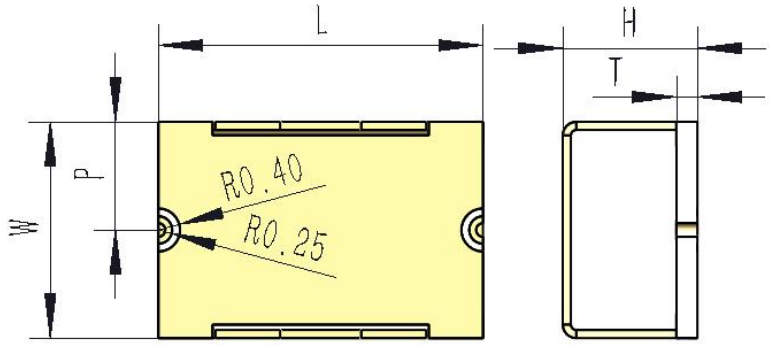
ITEM			Min.	Typ.	Max.	Unit
1	Frequency Range		13.5		15.5	GHz
2	Insertion Loss			4.2	4.5	dB
3	Ripple				2	dB
4	Return Loss		11	15		dB
5	Rejection	@DC~12.5GHz	40	50		dBc
		@16.8~22GHz	40	50		
6	Power Handling*		1W			
7	Package		SMD			

Remark: The specification with * means that it is guaranteed by design.

Environmental Specifications

1	Operating Temperature	-40℃~+70℃
2	Storage Temperature	-55℃~+85℃

Outline Drawing



L	W	H	P	T
8.5	3.5	2	1.75	0.381

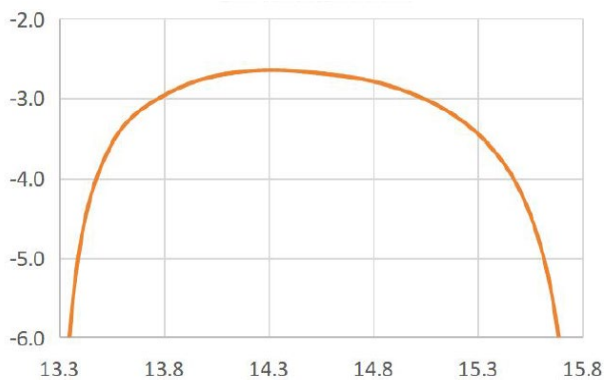
Unit: mm Tolerance: L&W±0.05mm,H±0.2mm

Remarks:

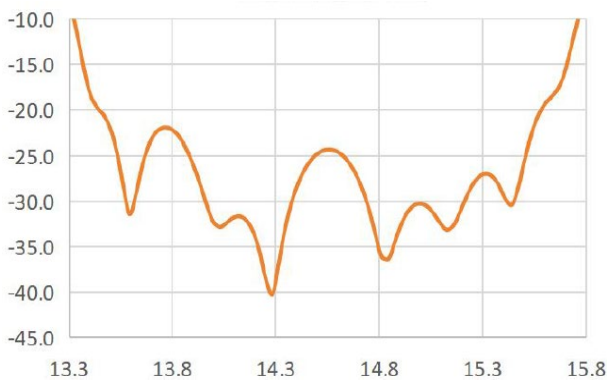
240°C solder paste is used in the device. Pay more attention to the temperature of reflow soldering.

Simulation Curves

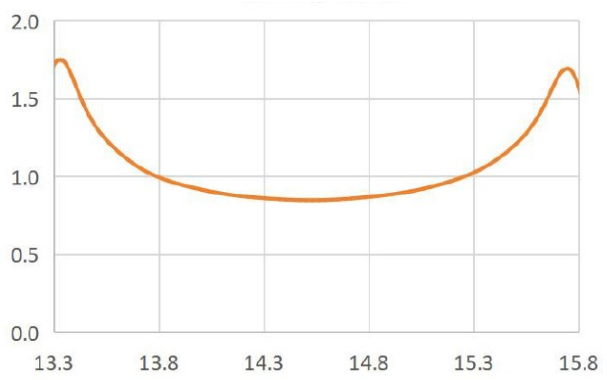
Insertion Loss(GHz/dB)



Return Loss(GHz/dB)



Group Delay(GHz/ns)



Rejection(GHz/dB)

