Electrical Specifications(50Ω)

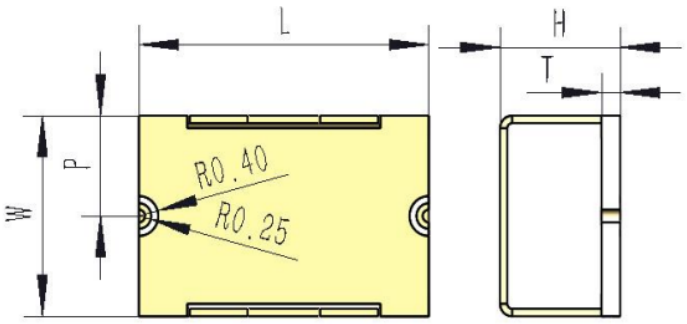
ITEM			Min.	Typ.	Max.	Unit
1	Frequency Range		10.6		12	GHz
2	Insertion Loss			3.7	4	dB
3	Ripple				1.5	dB
4	Return Loss		11	15		dB
5	Rejection	@8.4~9.8GHz	45	53		dBc
		@13~14GHz	40	44		
		@21.2~24GHz	50	60		
6	Power Handling*		1W			
7	Package		SMD			

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
10	5	2.5	2.5	0.254

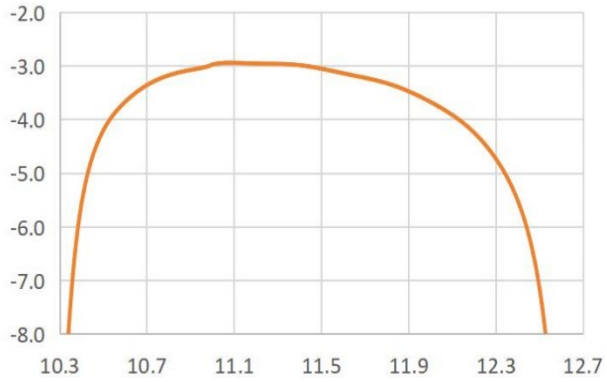
Unit: mm Tolerance: L&W±0.05mm,H±0.2mm

Remark:

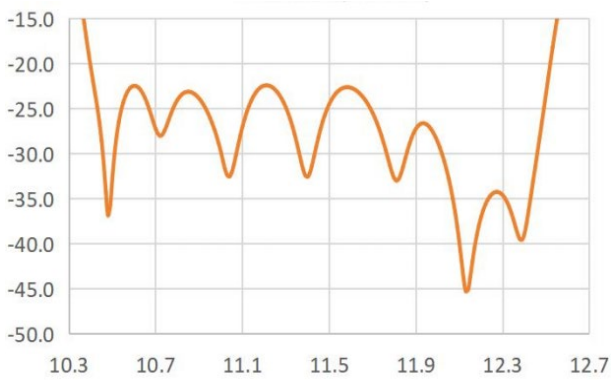
240°C solder paste is used in the device.Pay more attention to the temperature of reflow soldering.

Simulation Curves

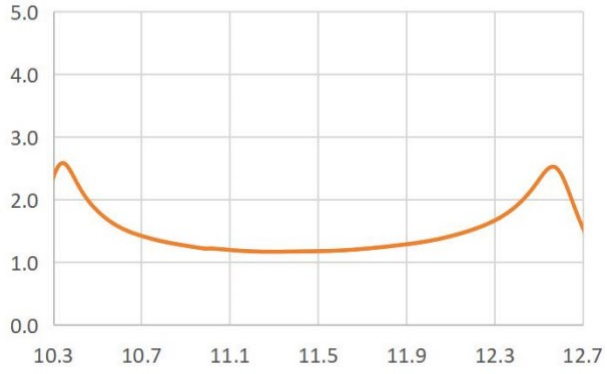
Insertion Loss(GHz/dB)



Return Loss(GHz/dB)



Group Delay(GHz/ns)



Rejection(GHz/dB)

