



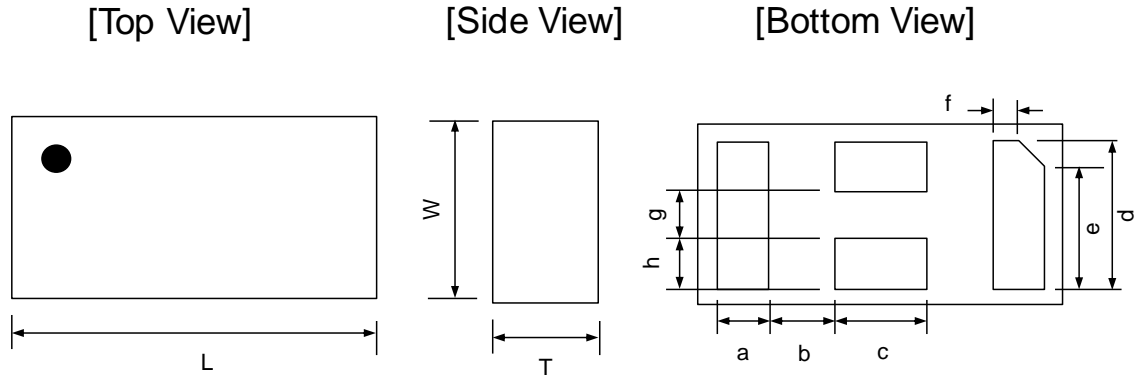
Low Pass Filter

For 450-510MHz

1.6x0.8mm Size

SPFI1608G51LPF2A41

[Shapes and Dimensions]

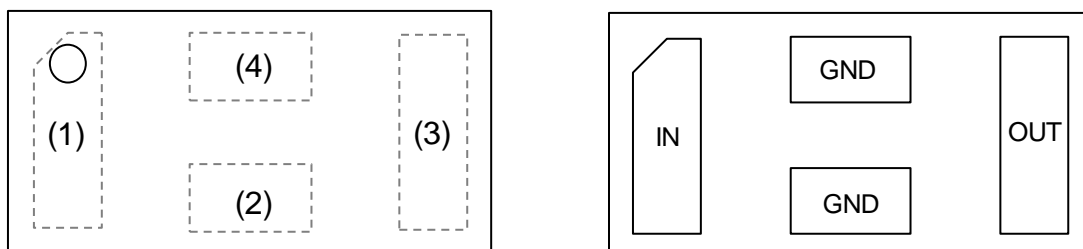


Dimensions (mm)

L	W	T	a	b	c	d	e	f	g	h
1.6	0.8	0.58	0.225	0.30	0.40	0.65	0.55	0.125	0.21	0.22
+/-0.10	+/-0.10	+/-0.06	+/-0.05	+/-0.05	+/-0.05	+/-0.05	+/-0.05	+/-0.05	+/-0.05	+/-0.05

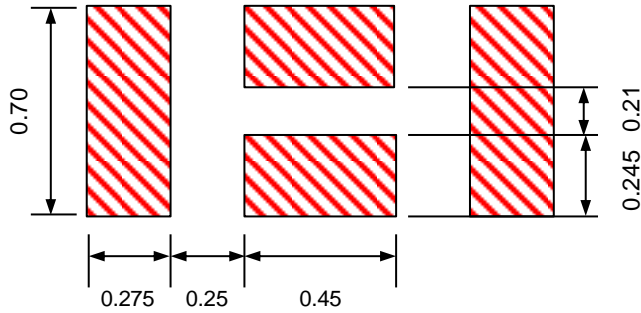
[Terminal Functions]

[Top View]



(1)	IN	(2)	GND	(3)	OUT	(4)	GND
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[Recommended Land Pattern]



Unit: [mm]

[Electrical Characteristics] (Measurement)

Parameter	Frequency (MHz)	Target Spec		
		Min.	Typ.	Max.
Insertion Loss (dB) (Ta = +25 +/-5°C)	450 to 510	-	0.35	
Insertion Loss (dB) (-40 to +85°C)	450 to 510	-		
Return Loss (dB)	450 to 510		28	-
Attenuation (dB)	900 to 1020		20	-
	1350 to 1530		23	-
	1800 to 2550		14	-

Ta = +25 +/-5°C

[Maximum Ratings]

Operation temperature Range : -40 to +85°C

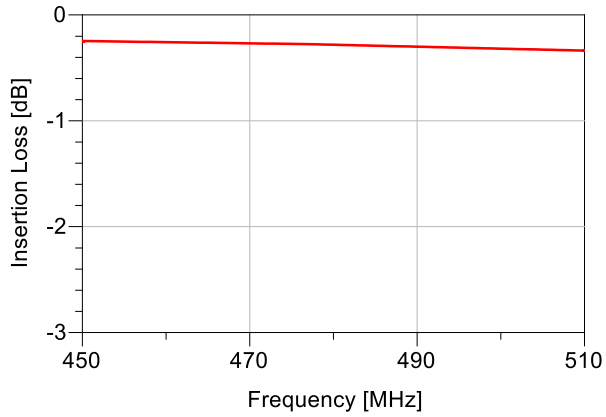
Storage temperature Range : +5 to +35°C

Humidity : 45% to 75% RH

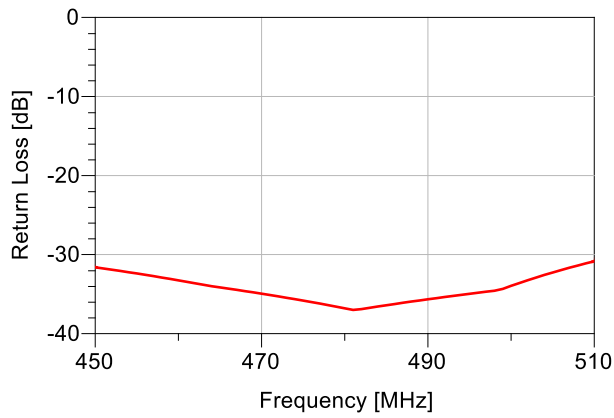
Storage period : 12 Months Max

[Frequency Characteristics]

Insertion Loss



Return Loss



Attenuation

