



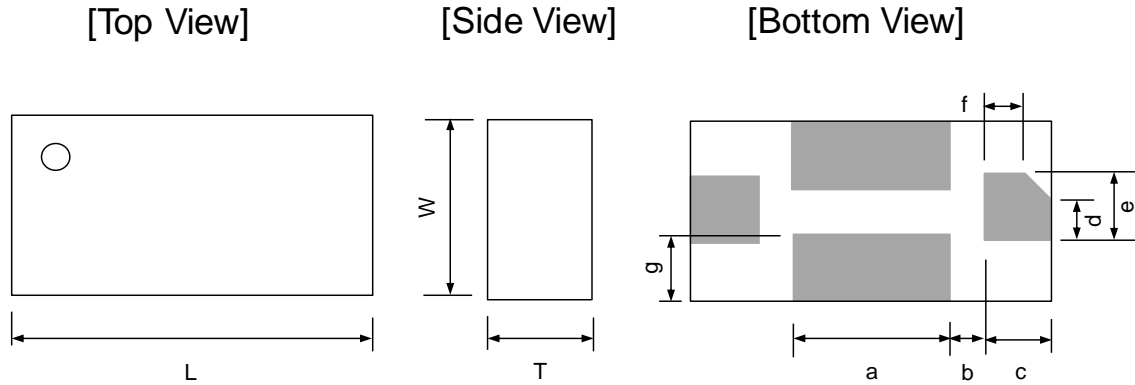
Low Pass Filter

For 2400-2500MHz

1.6x0.8mm Size

SPFI16082G5LPF2001

[Shapes and Dimensions]

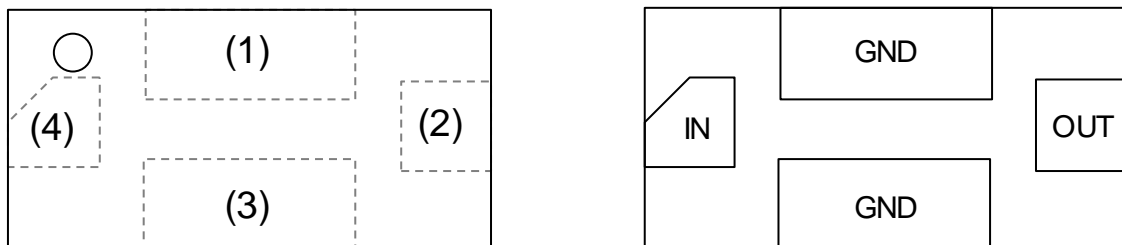


Dimensions (mm)

L	W	T	a	b	c	d	e	f	g
1.6	0.8	0.58	0.70	0.15	0.30	0.20	0.30	0.20	0.30
+/-0.10	+/-0.10	+/-0.06	+/-0.05	+/-0.05	+/-0.05	+/-0.05	+/-0.05	+/-0.05	+/-0.05

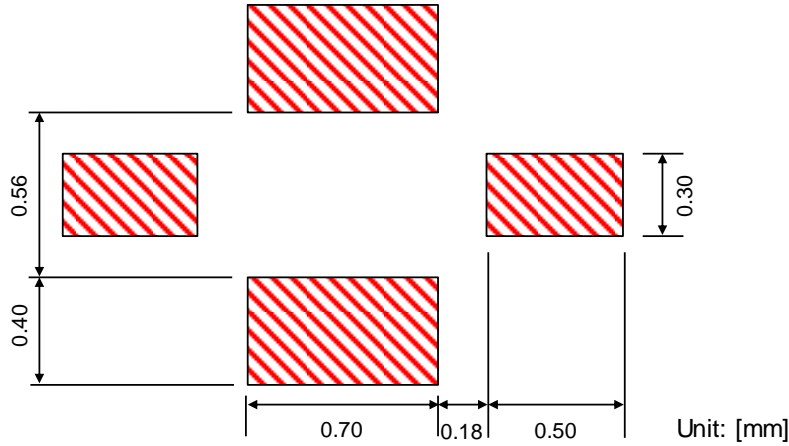
[Terminal Functions]

[Top View]



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



[Electrical Characteristics] (Measurement)

Parameter	Frequency (MHz)	Target Spec		
		Min.	Typ.	Max.
Insertion Loss(dB) (Ta = +25 +/-5°C)	2400 to 2500	-	0.33	
Insertion Loss (dB) (-40°C to 85°C)	2400 to 2500	-		
Return Loss (dB)	2400 to 2500		18	-
Attenuation (dB)	4800 to 5000		29	-
	7200 to 7500		24	-

Ta = +25 +/-5°C

[Maximum Ratings]

Operation temperature Range : -40 to +85°C

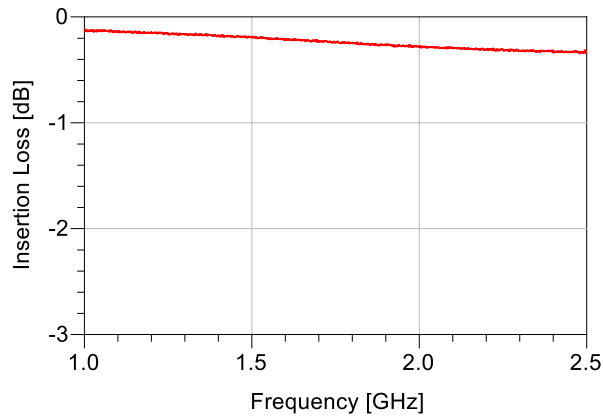
Storage temperature Range : +5 to +35°C

Humidity : 45% to 75% RH

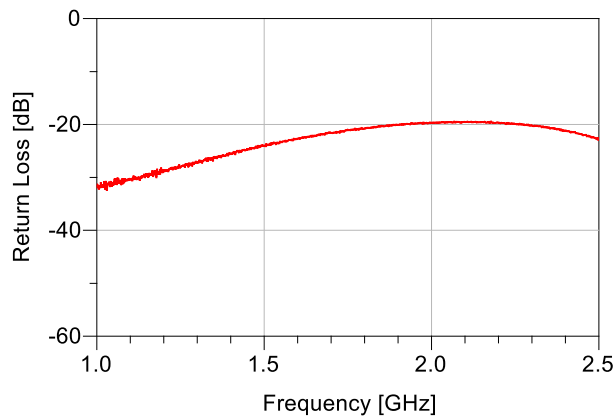
Storage period : 12 Months Max

[Frequency Characteristics]

Insertion Loss



Return Loss



Attenuation

