



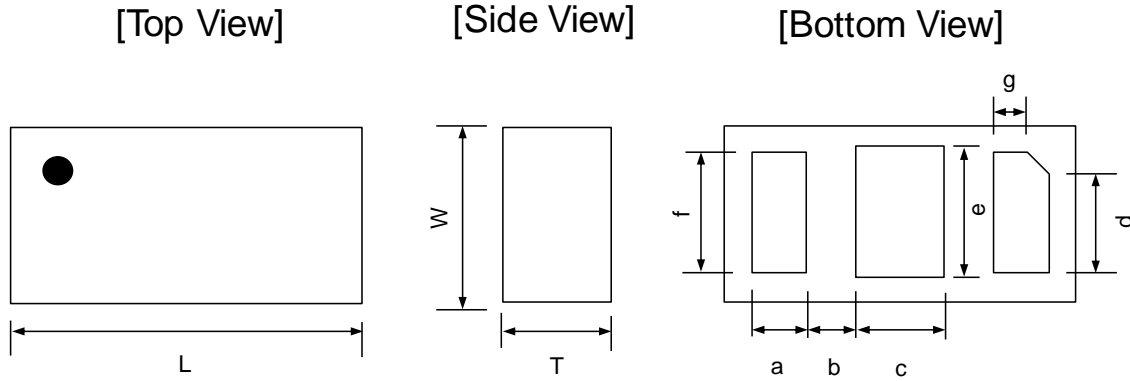
Low Pass Filter

For 690-2690MHz

1.6x0.8mm Size

SPFI1608269LPF2A42

[Shapes and Dimensions]

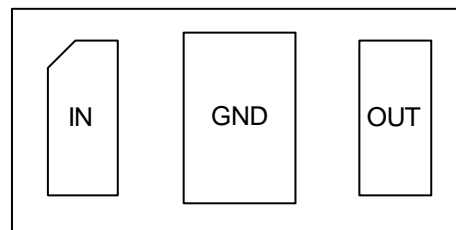
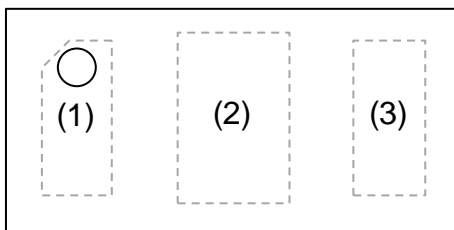


Dimensions (mm)

L	W	T	a	b	c	d	e	f	g
1.6	0.8	0.63	0.25	0.225	0.40	0.45	0.60	0.55	0.15
+/-0.10	+/-0.10	+/-0.06	+/-0.05	+/-0.05	+/-0.05	+/-0.05	+/-0.05	+/-0.05	+/-0.05

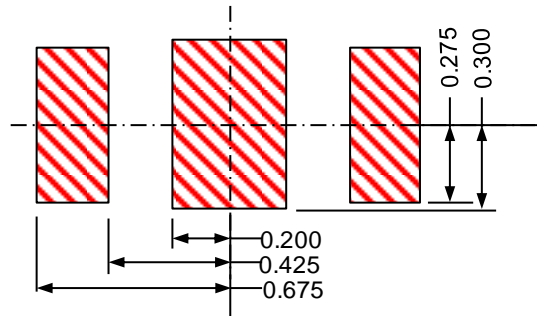
[Terminal Functions]

[Top View]



(1)	IN	(2)	GND	(3)	OUT
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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)	690 to 900	-	0.08	0.13
	1710 to 2170	-	0.14	0.22
	2300 to 2690	-	0.30	0.45
Insertion Loss (dB) (-40 to +85°C)	690 to 900	-	0.15	0.20
	1710 to 2170	-	0.28	0.37
	2300 to 2690	-	0.45	0.55
Return Loss (dB)	690 to 2690	12	17	-
Attenuation (dB)	4600 to 5000	18	24	-
	5000 to 5200	30	37	-
	5200 to 5400	36	45	-
	5400 to 5900	35	44	-
	5900 to 8000	28	34	-

Ta = +25 +/-5°C

[Maximum Ratings]

Operation temperature Range : -40 to +85°C

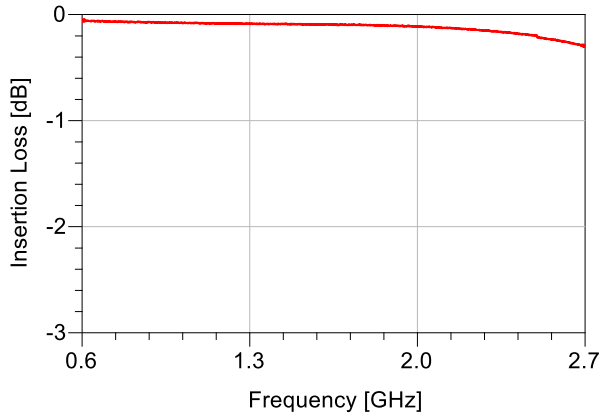
Storage temperature Range : +5 to +35°C

Humidity : 45% to 75% RH

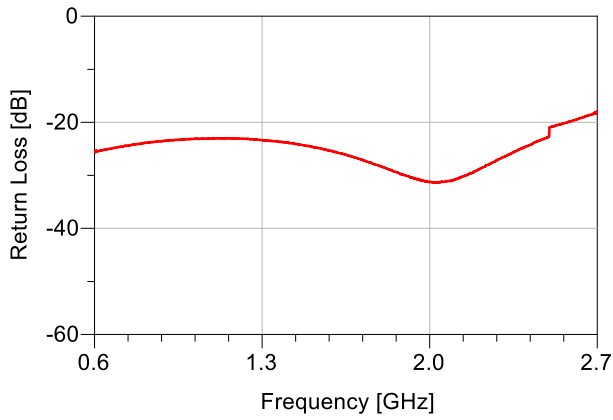
Storage period : 12 Months Max

[Frequency Characteristics]

Insertion Loss



Return Loss



Attenuation

