

Product Information

Control No. : ARP-4911700-B1

Issued on December 13, 2019

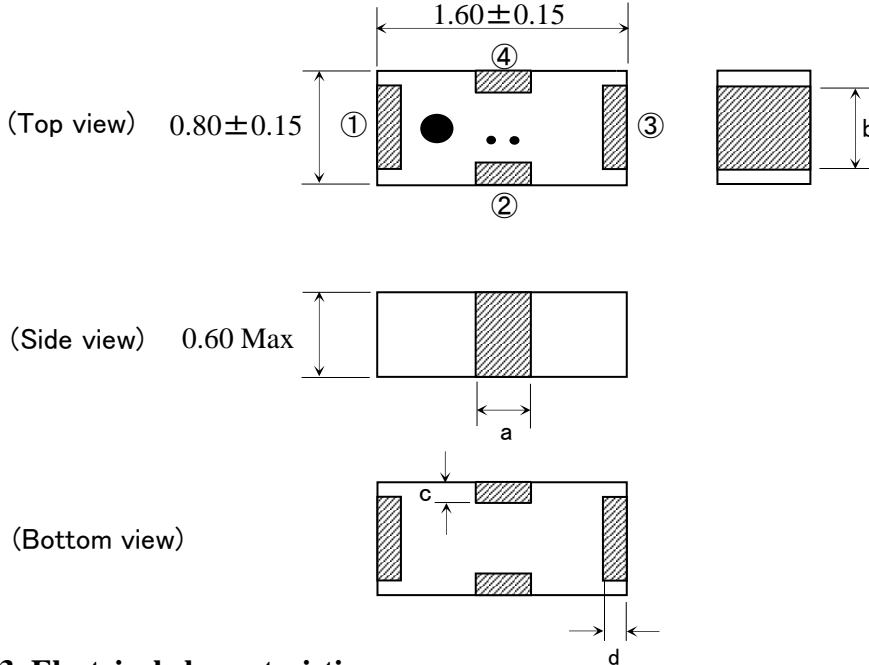
Application : Band Pass Filter for 2400-2500MHz

1. Type No.
HMD9117Z-T

RoHS Compliant Parts

2. Dimension (Unit : mm)

AEC-Q200 Compliant Parts



Terminal	
①	GND
②	Input
③	GND
④	Output

Terminal Dimensions	
a	0.36±0.15
b	0.60±0.15
c	0.15 Typ.
d	0.15 Typ.

3. Electrical characteristics

Parameter		Specification	Typical	Unit	Remark
fc (Center frequency)		2450.0	-	MHz	
Pass band frequency		2400-2500	-	MHz	
Nominal Impedance		50	-	ohm	
Insertion Loss at 25degC.		2.0 Max.	0.90	dB	
Return loss in BW		10 Min.	15.1	dB	
Attenuation (MHz)	at 824 - 915	25 Min.	29.4	dB	
	at 1710 - 1910	20 Min.	22.9	dB	
	at 4800 - 5000	20 Min.	22.9	dB	
	at 7200 - 7500	30 Min.	42.5	dB	

4. Note

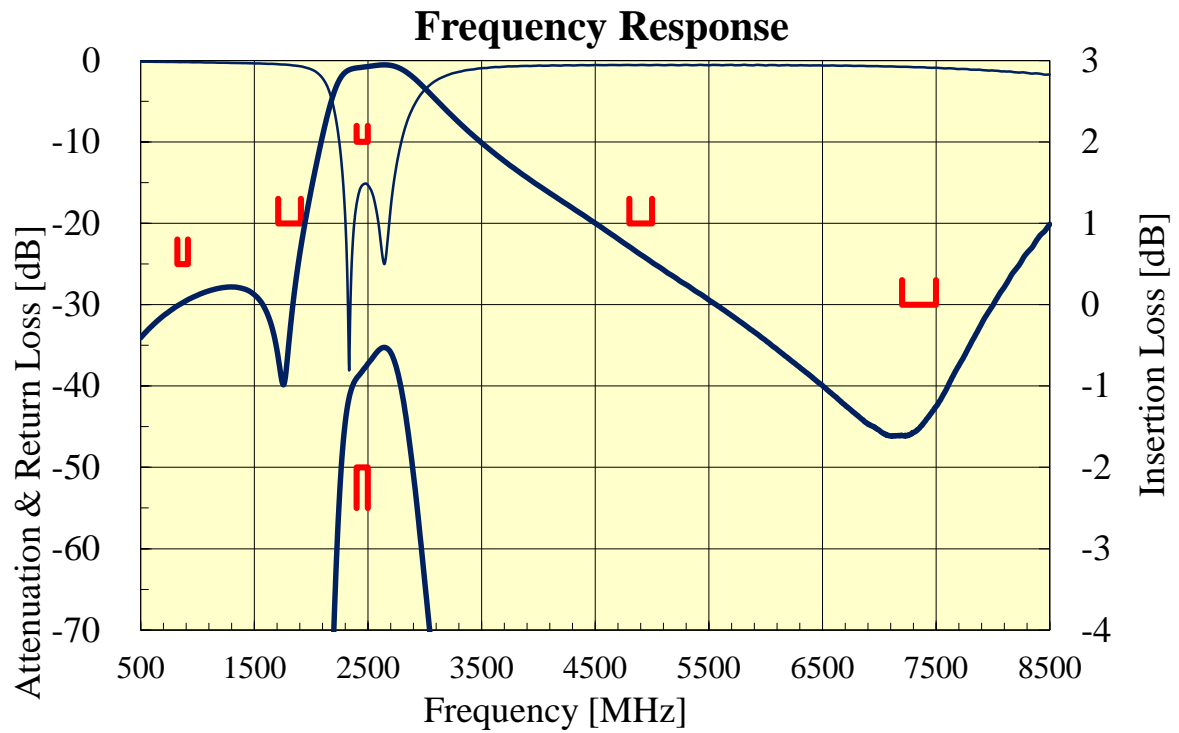
- 4.1 Operating Temperature Range : -40 to +125 deg.C
- 4.2 Storage Temperature Range before soldering in taping package : -20 to +35 deg.C
- 4.3 Standard Reel Quantity : 3,000 pcs (per reel, per bag)

Approved by	Confirmed by	Raised by
Y.Mizutani	Y.Imai	S.Suzuki

SOSHIN ELECTRIC CO., LTD

5.Representative characteristics

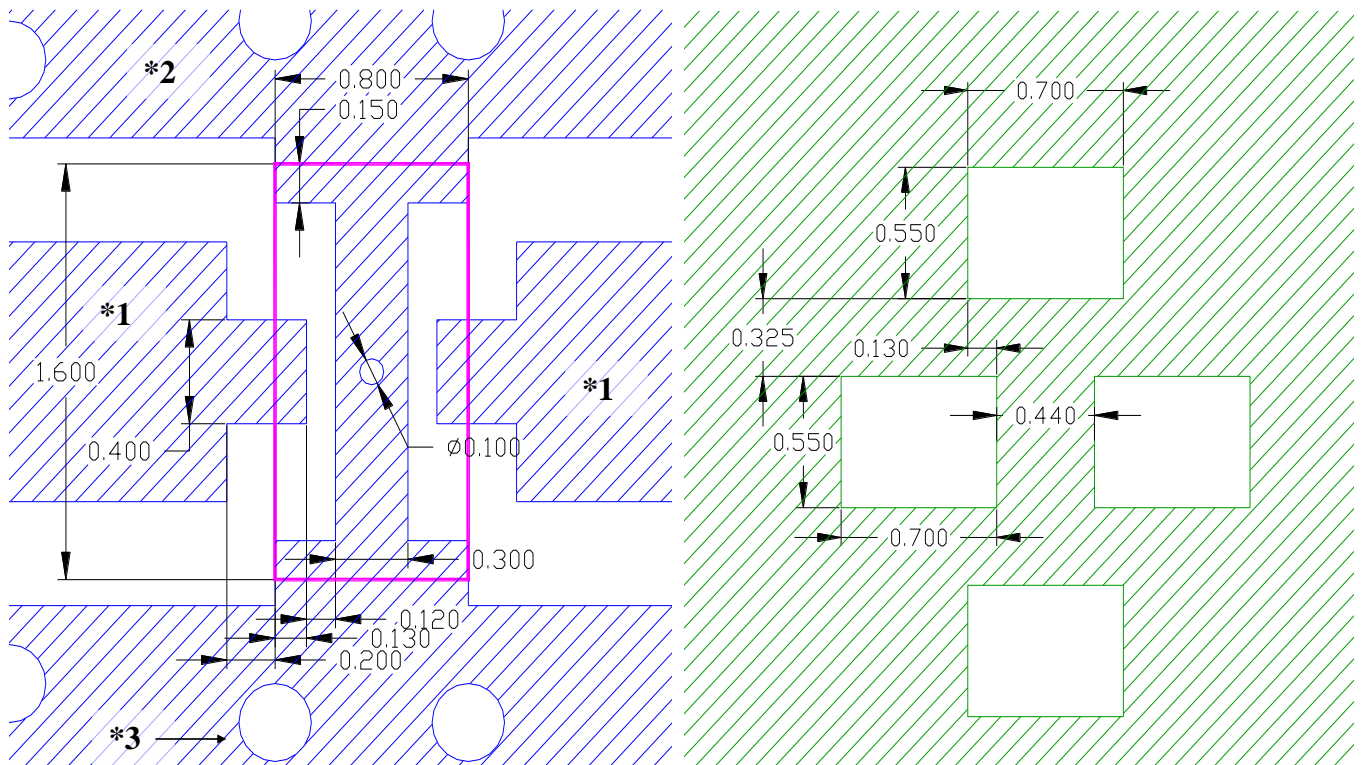
Measured data



6.Recommendation Land Pattern (Unit:mm)

***Land Pattern**

***Resist Pattern**



- *1 50 ohm Impedance Line
- *2 Ground Plane
- *3 Through Hole