

Product Information

Control No. : ARP-4911900-C 1

Issued on September 4, 2023

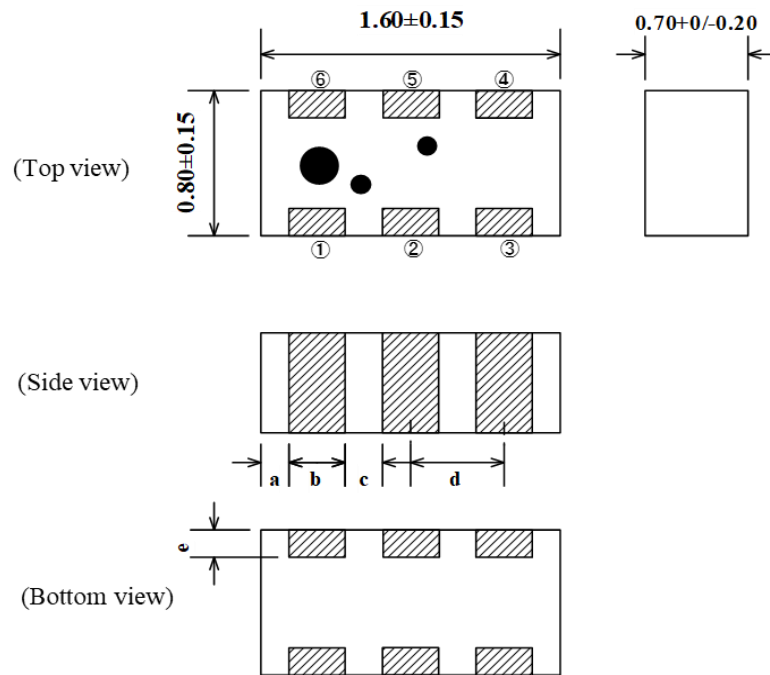
1. Type No.

HMD9119D

RoHS Compliant Part

2. Dimension (Unit : mm)

AEC-Q200 Compliant Part



Terminal	
①	GND
②	Input
③	GND
④	GND
⑤	Output
⑥	GND

Terminal Dimensions	
a	0.15 +/- 0.15
b	0.30 +/- 0.10
c	0.20 +/- 0.10
d	0.50 +/- 0.10
e	0.15 +/- 0.10

3. Electrical characteristics

Parameters	Specification	Typical	Unit	Remark
fc(Center frequency)	2450	-	MHz	
Pass Band frequency	2400-2500	-	MHz	
Nominal Impedance	50	-	ohm	
Insertion loss at 25 deg C.	1.1 Max.	0.98	dB	
Insertion loss at 125 deg C.	1.3 Max.	-	dB	
Return loss in BW	15 Min.	20.5	dB	
Attenuation (MHz)	at 50 - 960	20 Min.	32.5	dB
	at 1560 - 1606	30 Min.	45.5	dB
	at 1710 - 1990	15 Min.	19.7	dB
	at 3600 -	10 Min.	16.7	dB
	at 4800 - 5000	30 Min.	36.1	dB
	at 7200 - 7500	20 Min.	29.3	dB

4. Note

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

Approved by	Confirmed by	Raised by
Y. Imai	S.Suzuki	R.Takahashi

SOSHIN ELECTRIC CO., LTD.

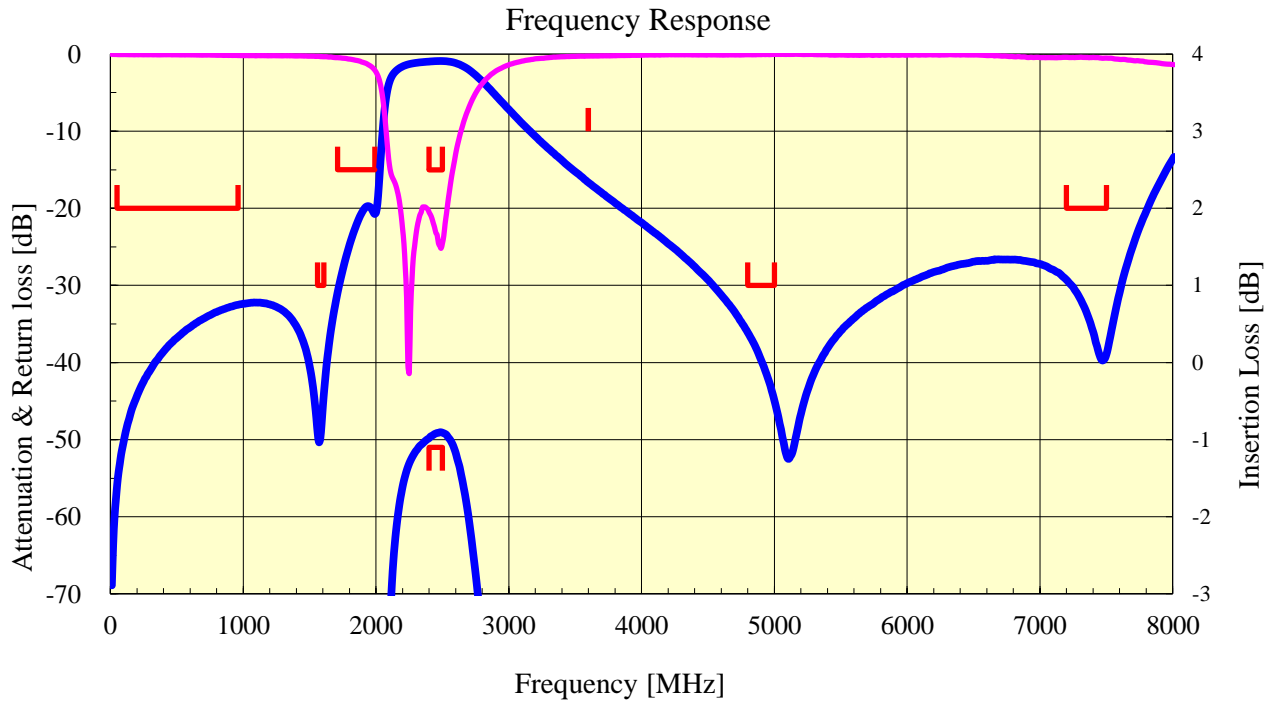
Product Information

Control No. : ARP-4911900-C 2

Issued on September 4, 2023

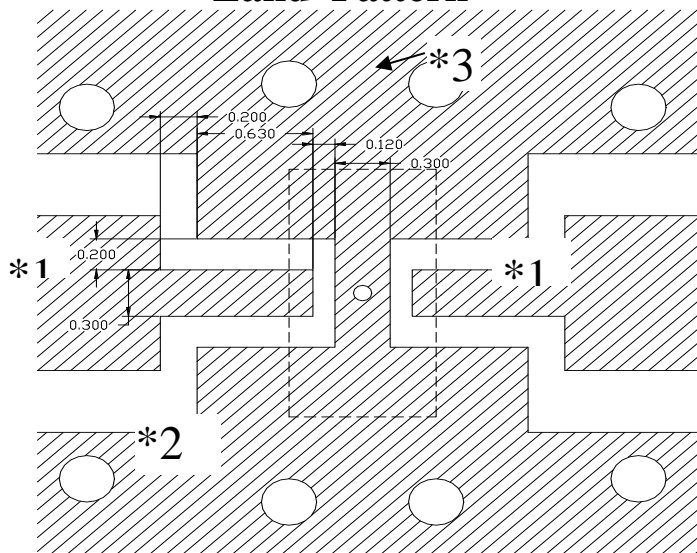
5. Representative characteristics

Measured



6. Recommended Land Pattern

*Land Pattern



*1 50 ohm Impedance Line

*2 Ground Plane

*3 Through Hole

*Resist Pattern

