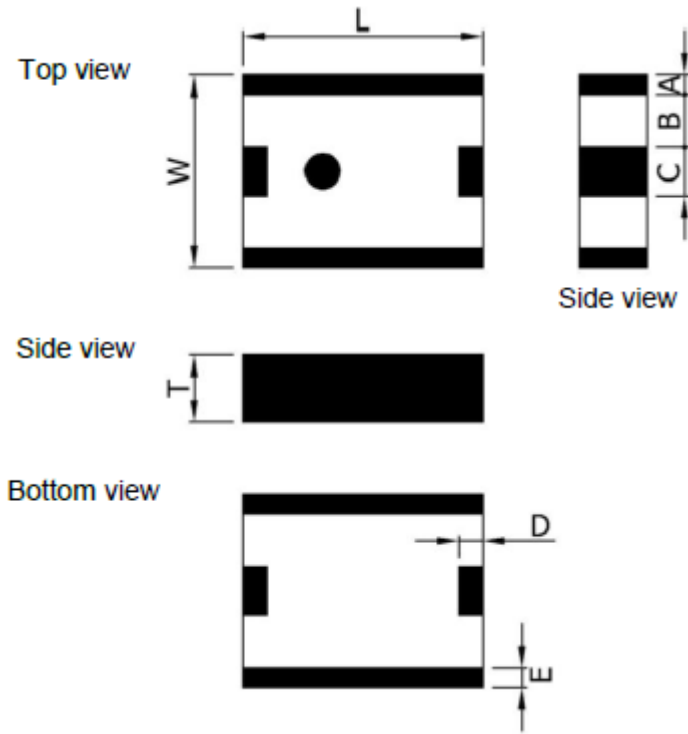


Electrical Specifications

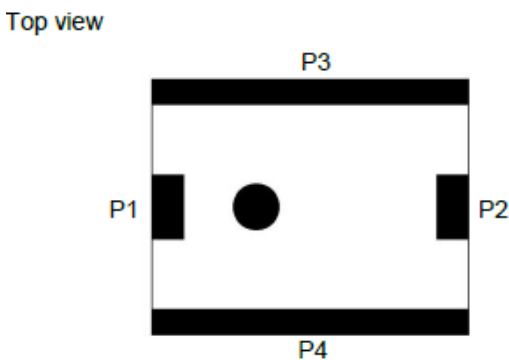
Parameters		Value	Unit	
Frequency Range		6230.000 ~ 8500.000	MHz	
Insertion Loss, max	@ 25°C	@ 6230 ~ 7238 MHz	3.9	dB
		@ 7240 ~ 8500 MHz	2.0	dB
	@ -40 ~ +85°C	@ 6230 ~ 7238 MHz	4.1	dB
		@ 7240 ~ 8500 MHz	2.2	dB
Attenuation, min	@ 600 ~ 2200 MHz		30.0	dB
	@ 2300 ~ 3800 MHz		30.0	dB
	@ 5150 ~ 5330 MHz		30.0	dB
	@ 5490 ~ 5730 MHz		20.0	dB
	@ 5730 ~ 5835 MHz		20.0	dB
	@ 12000 ~ 17000 MHz		20.0	dB
VSWR, max		2.0	-	
Impedance		50	Ω	
Power Capacity, max		3	W	
Moisture Sensitivity Levels		LEVEL 1	-	
HBM ESD	Pass on all pins (Base on AEC-Q200-002)	1	kV	
MM ESD	Pass (Base on EIA/JESD22-A115)	200	V	
Operating Temperature Range		-40 ~ +85	°C	
Storage Temperature Range		-40 ~ +85	°C	
Storage Condition Before Soldering (Included Packaging Material)	Storage Temperature Range	+5 ~ +40	°C	
	Relative Humidity	30 ~ 70	%	

Dimensions



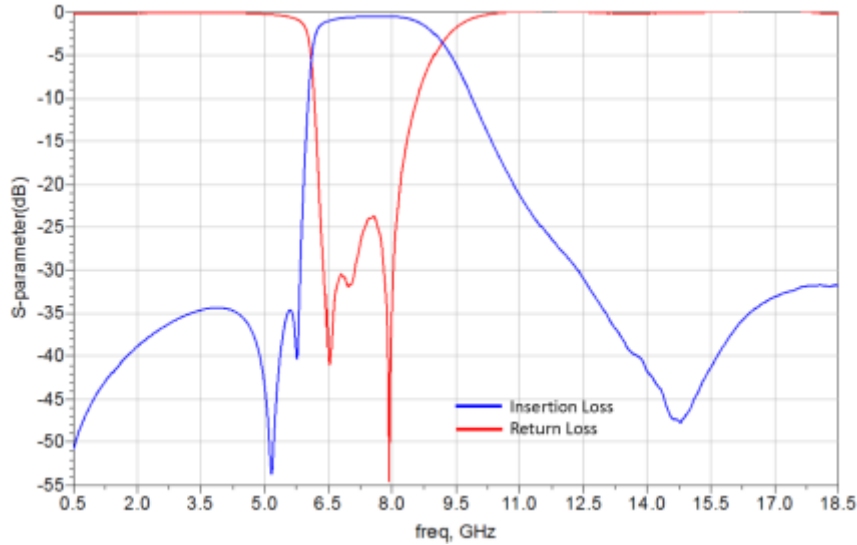
Symbol	Dimension (mm)
L	2.50± 0.10
W	2.00± 0.10
T	1.00± 0.10
A	0.20± 0.20
B	0.50± 0.20
C	0.60± 0.20
D	0.25± 0.20
E	0.20± 0.20

CONSTRUCTION

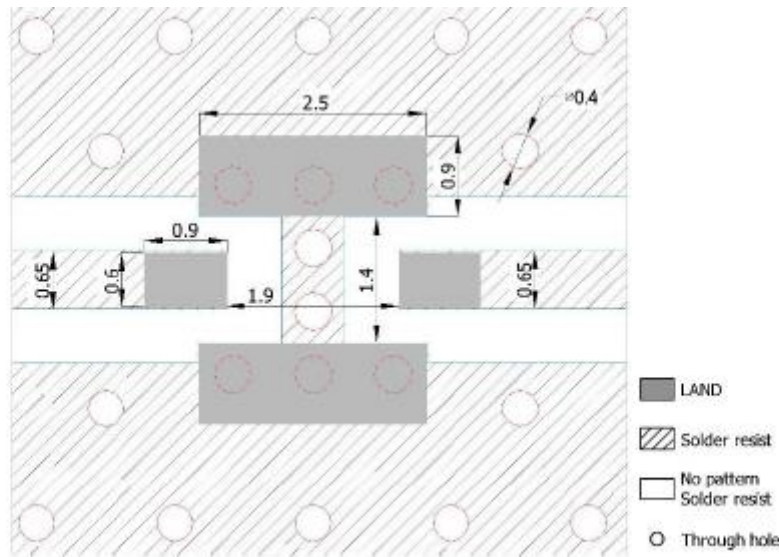


PIN	Definition
P1	Input
P2	Output
P3	Ground
P4	Ground

Frequency Characteristics



Solder Land Pattern



Unit: mm

Line width to be designed to match 50 Ω characteristic impedance, depending on PCB material and thickness.

APPROVAL

DRAWN BY	AR, March 01, 2022
APPROVED BY	CP, March 01, 2022
REVISION	A, Initial Release



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