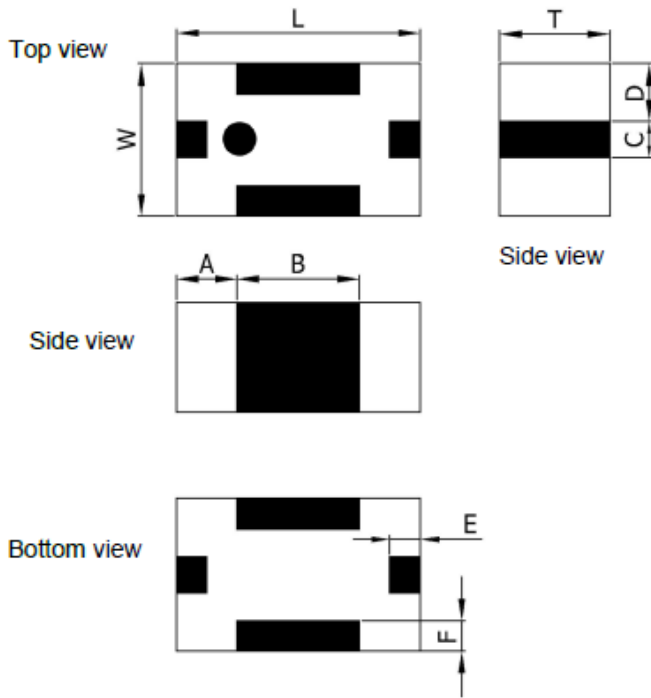


Electrical Specifications

Parameters		Value	Unit
Frequency Range		6240.000 ~ 8240.000	MHz
Insertion Loss, max	@ 25°C	@ 6240 ~ 8240 MHz	2.0
	@ -40 ~ +85°C	@ 6240 ~ 8240 MHz	2.3
Attenuation, min	@ 690 ~ 2200 MHz		30.0
	@ 2300 ~ 3800 MHz		30.0
	@ 5150 ~ 5470 MHz		19.0
	@ 5470 ~ 5725 MHz		3.0
	@ 12500 ~ 16500MHz		3.5
	@ 18700 ~ 20000 MHz		25.0
VSWR, max	@ 6240 ~ 8240 MHz		15.0
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
MM ESD	Pass (Base on EIA/JESD22-A115)		200
Operating Temperature Range		-40 ~ +85	°C
Storage Temperature Range		-40 ~ +85	°C
Storage Condition Before Soldering (Included Packaging Material)	Storage Temperature Range		+5 ~ +40
	Relative Humidity		30 ~ 70

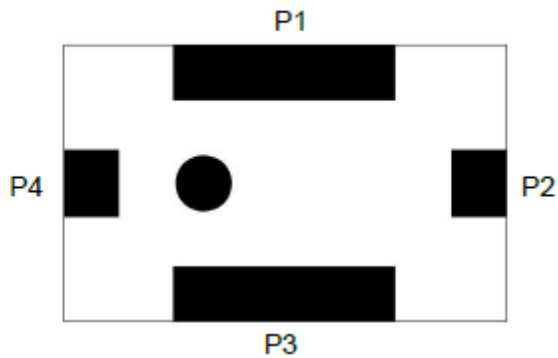
Dimensions



Symbol	Dimension (mm)
L	2.00 ± 0.15
W	1.25 ± 0.15
T	0.70 max.
A	0.50 ± 0.15
B	1.00 ± 0.15
C	0.30 ± 0.15
D	0.475 ± 0.15
E	0.25 ± 0.15
F	0.25 ± 0.15

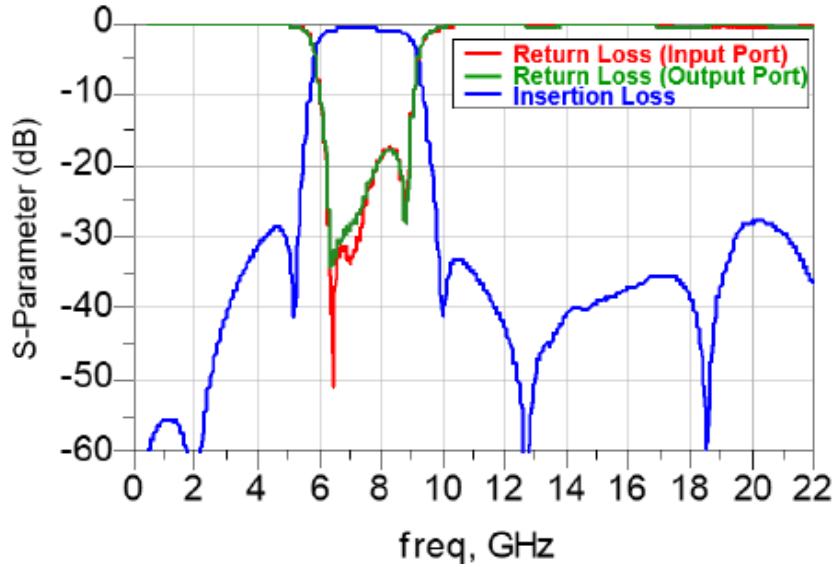
CONSTRUCTION

Top view

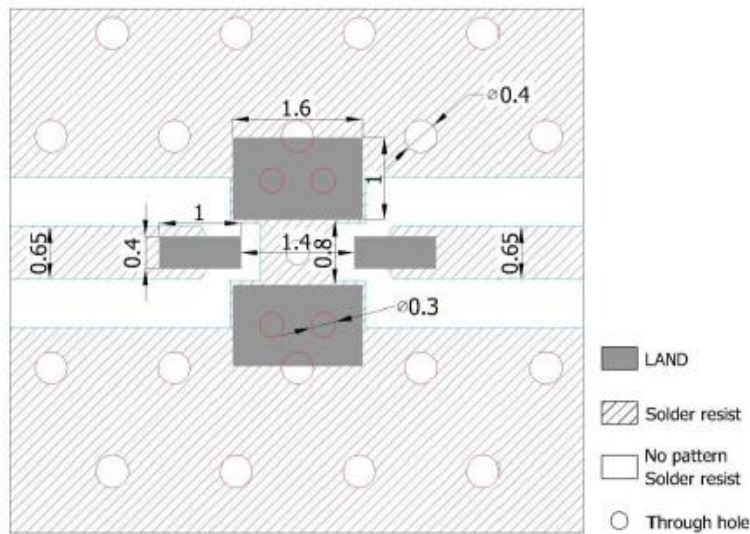


PIN	Connection
1	GND
2	Input / Output port
3	GND
4	Input / Output port

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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