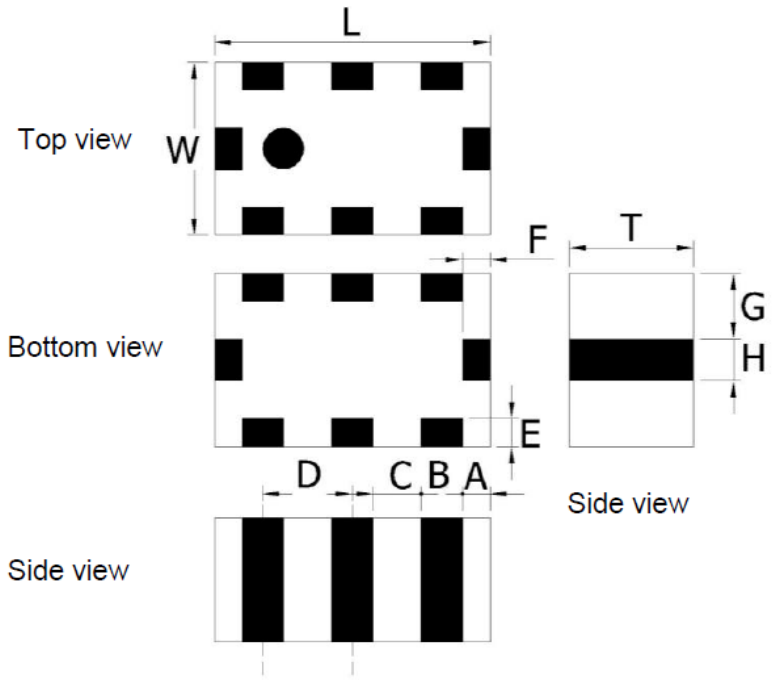
RCF-868.000-20000-2012-W-TR-001

Parameters		Value	Unit
Frequency Range		858.000 ~ 878.000	MHz
Insertion Loss, max	**@ +25 ˚C**	0.5	dB
	@ -40 ~ +85 ˚C	0.65	dB
Attenuation, min	**@ 1716 ~ 1756 MHz**	30	dB
	@ 2574 ~ 2634 MHz	40	dB
Return Loss, min		14	dB
Impedance		50	Ω
Moisture Sensitivity Levels		Level 1	-
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	%

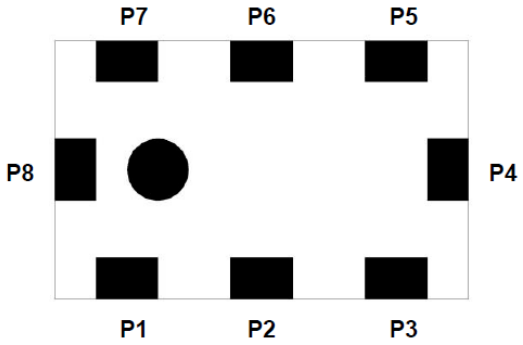
Dimension



	L	W	T	A	B	C	D	E	F	G	H
Dimension (mm)	2.00 ± 0.15	1.25 ± 0.15	0.95 ± 0.10	0.20 ± 0.15	0.30± 0.15	0.35 ± 0.15	0.65 ± 0.15	0.20 ± 0.15	0.20 ± 0.15	0.475 ± 0.15	0.30 ± 0.15

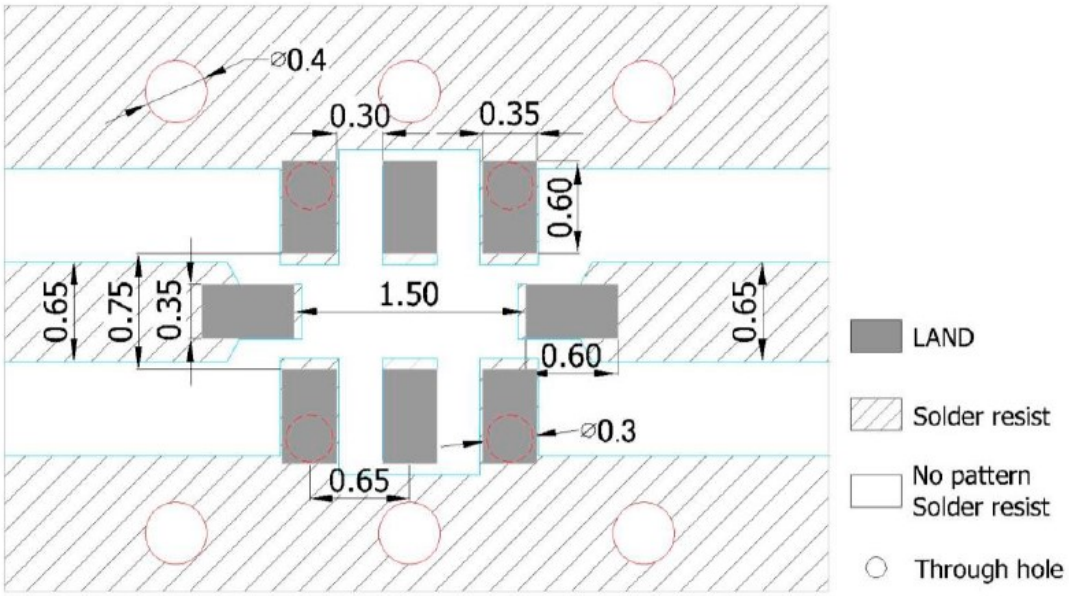
CONSTRUCTION

Top View



PIN	Definition	PIN	Definition
P1	Ground	P5	Ground
P2	NC	P6	NC
P3	Ground	P7	Ground
P4	output	P8	Input

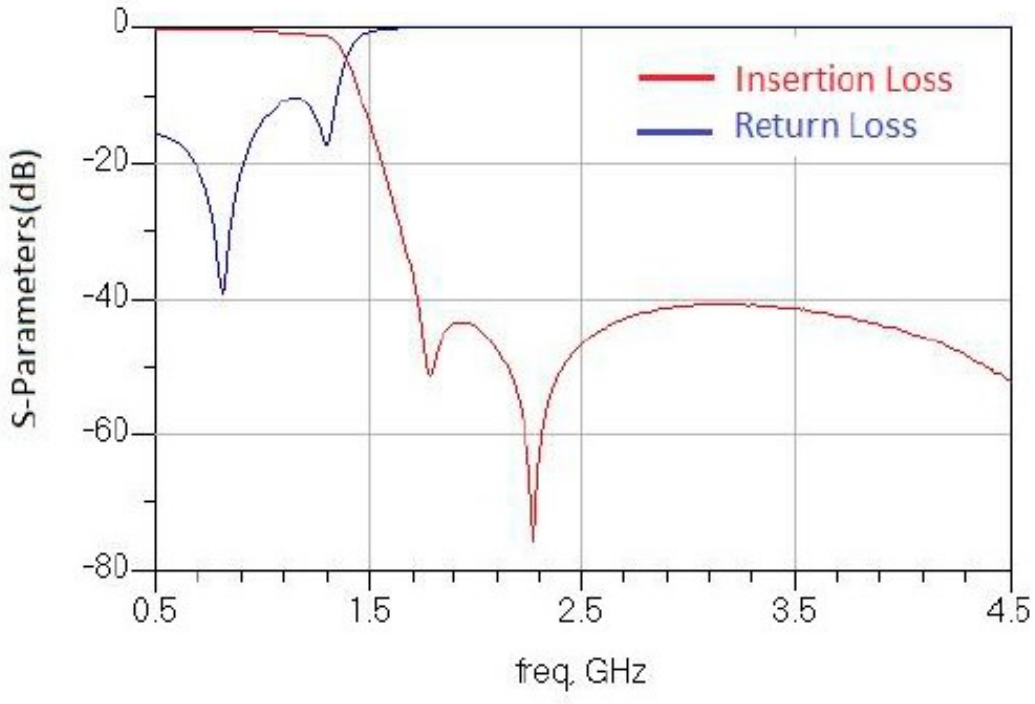
SOLDER LAND PATTERN



Unit: mm

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

Frequency Characteristics



July 15, 2019