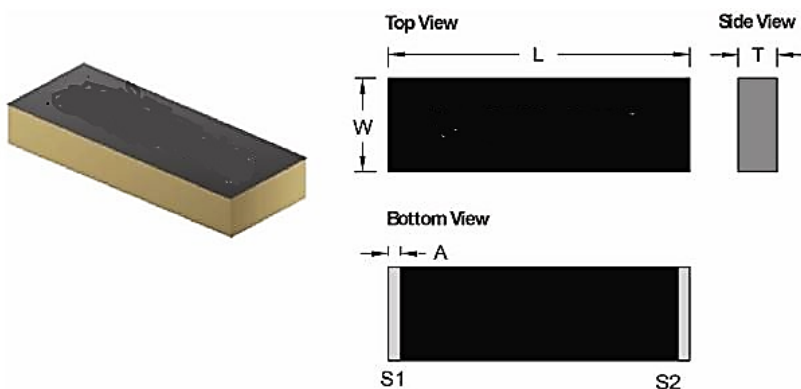


ELECTRICAL SPECIFICATION

PARAMETERS	VALUE	UNIT
Center Frequency	433	MHz
Bandwidth, typ	28	MHz
Peak Gain, typ	0.79	dBi
Return Loss, min	6.5	dB
Polarization	Linear	-
Azimuth Beamwidth	Omni-directional	-
Power, max	1	W
Impedance	50	Ω
Operating Temperature Range	-40 ~ +105	$^{\circ}\text{C}$

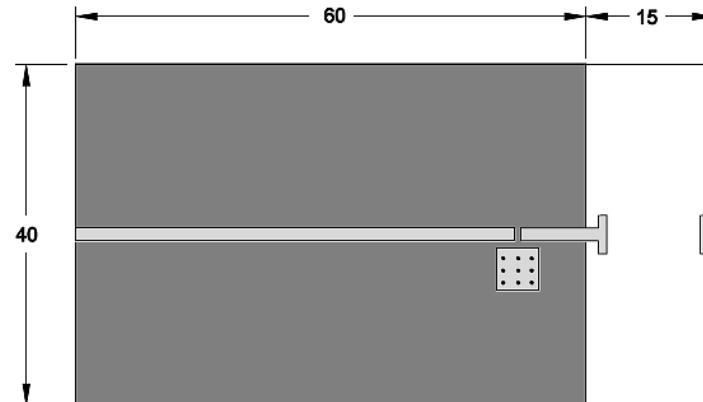
MECHANICAL SPECIFICATION



	L	W	T	A
Dimension (mm)	12.30 ± 0.20	4.00 ± 0.20	1.60 ± 0.20	0.50 ± 0.20

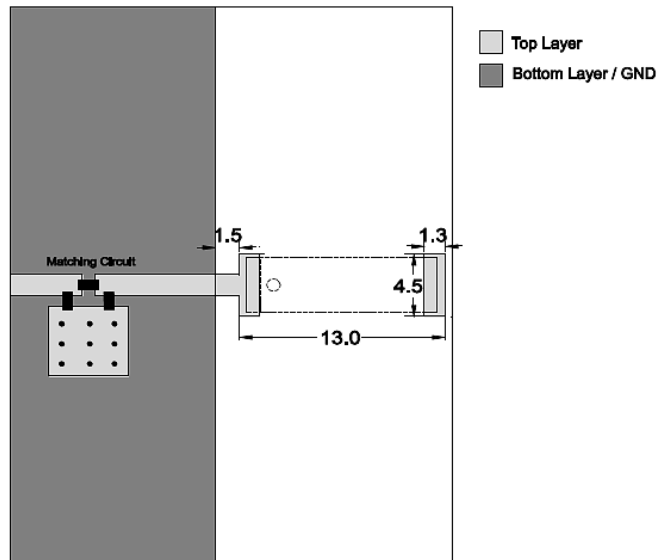
	S1	S2
Connection	Feeding	Soldering

EVALUATION BOARD



Unit: mm

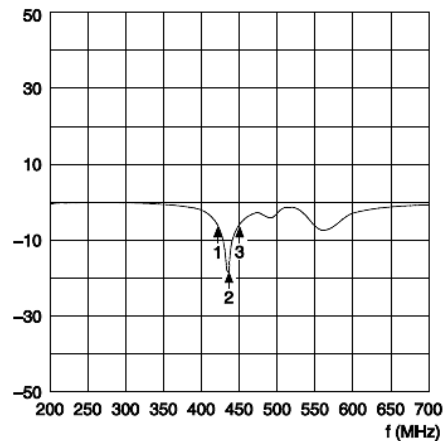
RECOMMENDED SOLDERING PATTERN



Unit: mm

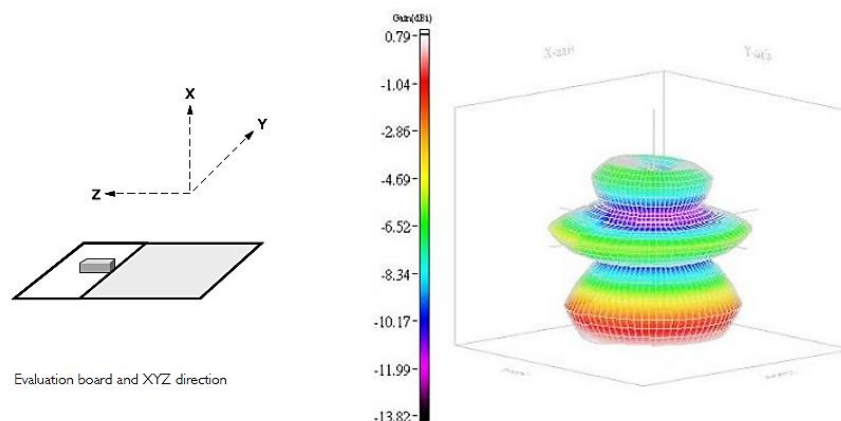
FREQUENCY CHARACTERISTICS

Return Loss



Marker data
 1. 419MHz -6.5dB
 2. 433MHz -16dB
 3. 447MHz -6.5dB

RADIATION PATTERN



May 2017