


ELECTRICAL SPECIFICATION

PARAMETERS	VALUE	UNIT
Center Frequency	870	MHz
Bandwidth, typ	34	MHz
Peak Gain, typ	1.51	dBi
Return Loss, min	10	dB
Polarization	Linear	-
Azimuth Beamwidth	Omni-directional	-
Power, max	1	W
Impedance	50	Ω
Operating Temperature Range	-40 ~ +105	$^{\circ}\text{C}$

MECHANICAL SPECIFICATION



Top View

L

W

Side View

T

Bottom View

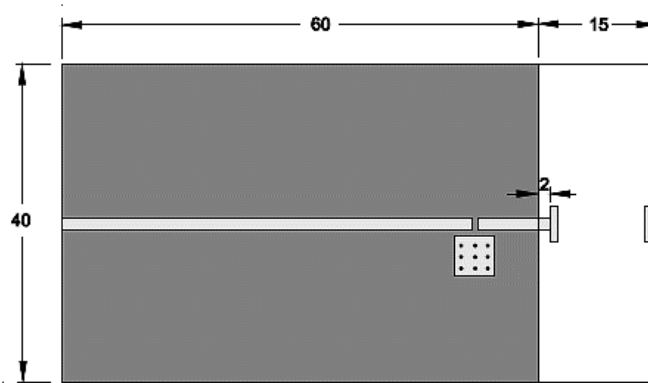
A

S1 S2

	L	W	T	A
Dimension (mm)	12.00 ± 0.20	4.10 ± 0.20	1.60 ± 0.20	0.85 ± 0.35

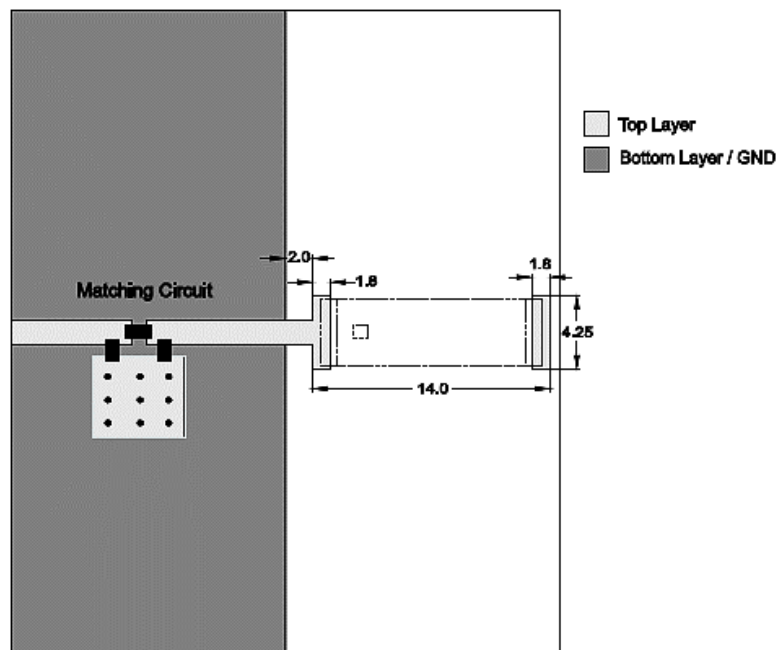
	S1	S2
Connection	Feeding	Soldering

EVALUATION BOARD



Unit: mm

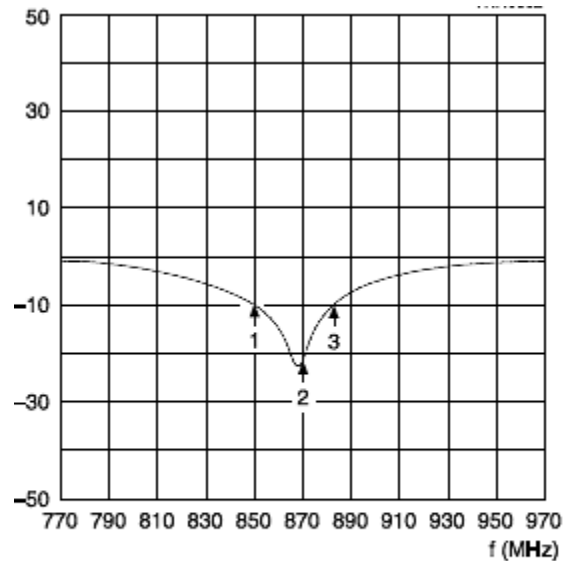
RECOMMENDED SOLDERING PATTERN



Unit: mm

FREQUENCY CHARACTERISTICS

Return Loss



Marker data
1. 849MHz, -10dB
2. 870MHz, -21.6dB
3. 883MHz, -10dB

RADIATION PATTERN

