

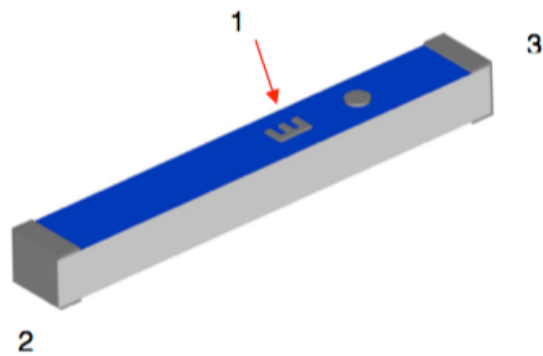
LSD4BT-P74 antenna specification

Module PN : LSD4BT-P74

Antenna PN : LSD4BT-P74-ANT

Version : Rev01





PIN	connection
1	Identification Mark
2	Soldering terminal
3	Feeding

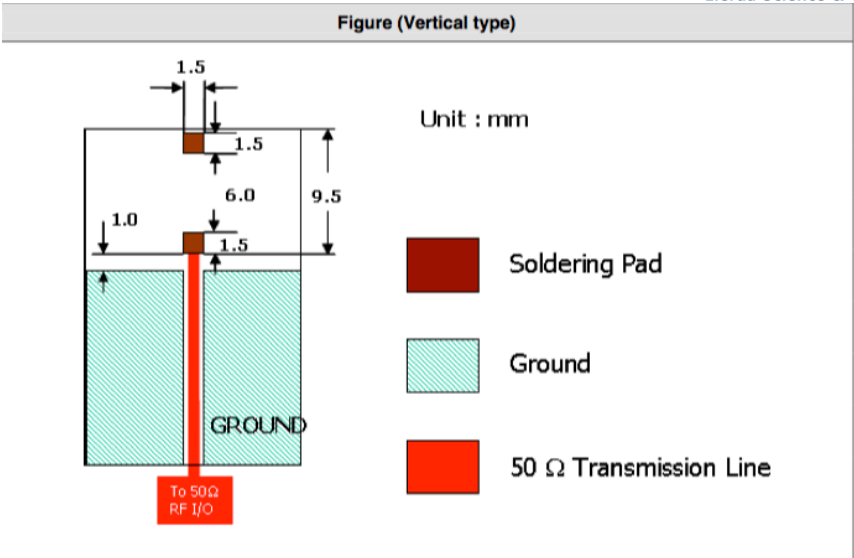
DIMENSIONS

Figure	Symbol	Dimension (mm)
	L	8.00 ± 0.20
	W	1.05 ± 0.20
	T	0.80 ± 0.10
	A	0.30 ± 0.20

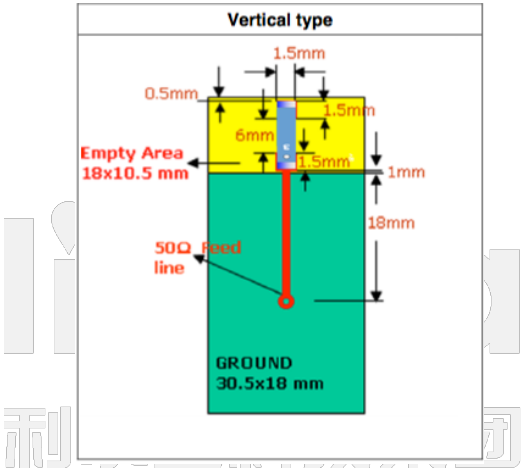
ELECTRICAL CHARACTERISTICS

Working Frequency Range	2.4 GHz ~ 2.5GHz
Gain	2 dBi (Typical)
VSWR	2 max.
Polarization	Linear
Azimuth Beamwidth	Omni-directional
Impedance	50Ω
Rated Power (max.)	3 Watts
Maximum Input Power	5 Watts for 5 minutes
Operation Temperature	-40°C ~ +85°C

Remark: The specification is defined based on the test board dimension as in below

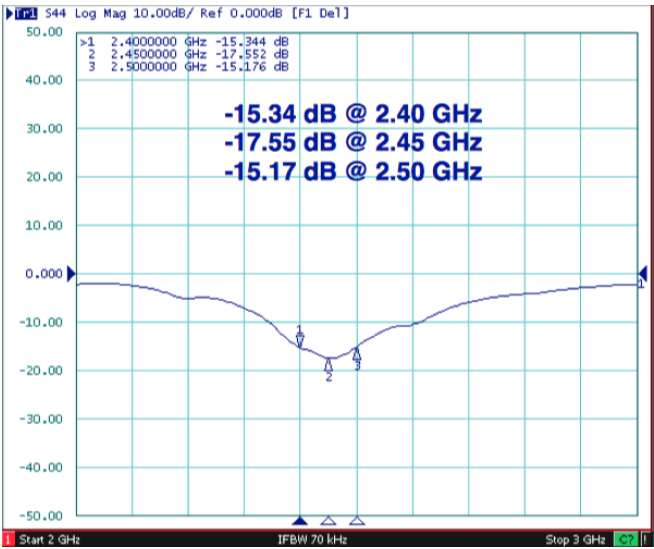


Antenna on Test Board (FR4 Thickness 0.8mm)



Antenna S11 on Test Board

Vertical type



RADIATION PATTERN (Vertical type)

Radiation Pattern and Gain were dependent on measurement board design.

