

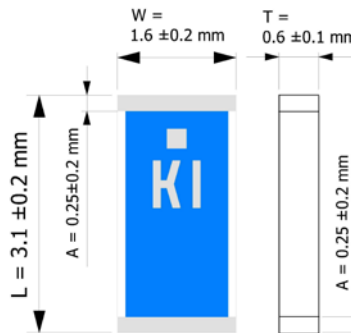
PRODUCT FEATURES

1. Surface mount ceramic antenna with a small size of 3.2 X 1.6 X 0.6 mm.
2. Highly stable under temperature and humidity changes.
3. Superior performance in a compact size, RoHS compliant.

RF CHARACTERISTICS

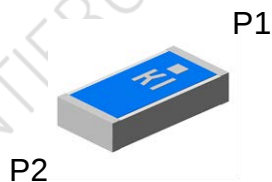
PN AT5375A1306AT	Specification
Working Frequency Range	4.9-5.85GHz
Gain	2.8 dBi(Typical)
Return Loss	-10 dB min
Polarization	Linear
Radiation Pattern	Omni-directional
Impedance	50Ω
Rated Power	1W
Operating Temperature	-40°C to +85°C

PHYSICAL DIMENSIONS



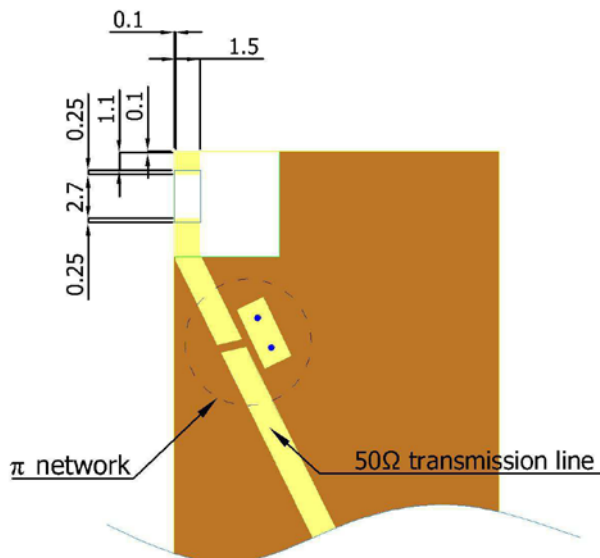
Symbol	Dimension (mm)
L	3.1 ± 0.20
W	1.6 ± 0.20
T	0.6 ± 0.10
A	0.25 ± 0.20

TERMINAL CONFIGURATION



PIN	Connection
P1	Feeding
P2	Soldering terminal

PCB DESIGN/LAYOUT CONSIDERATION

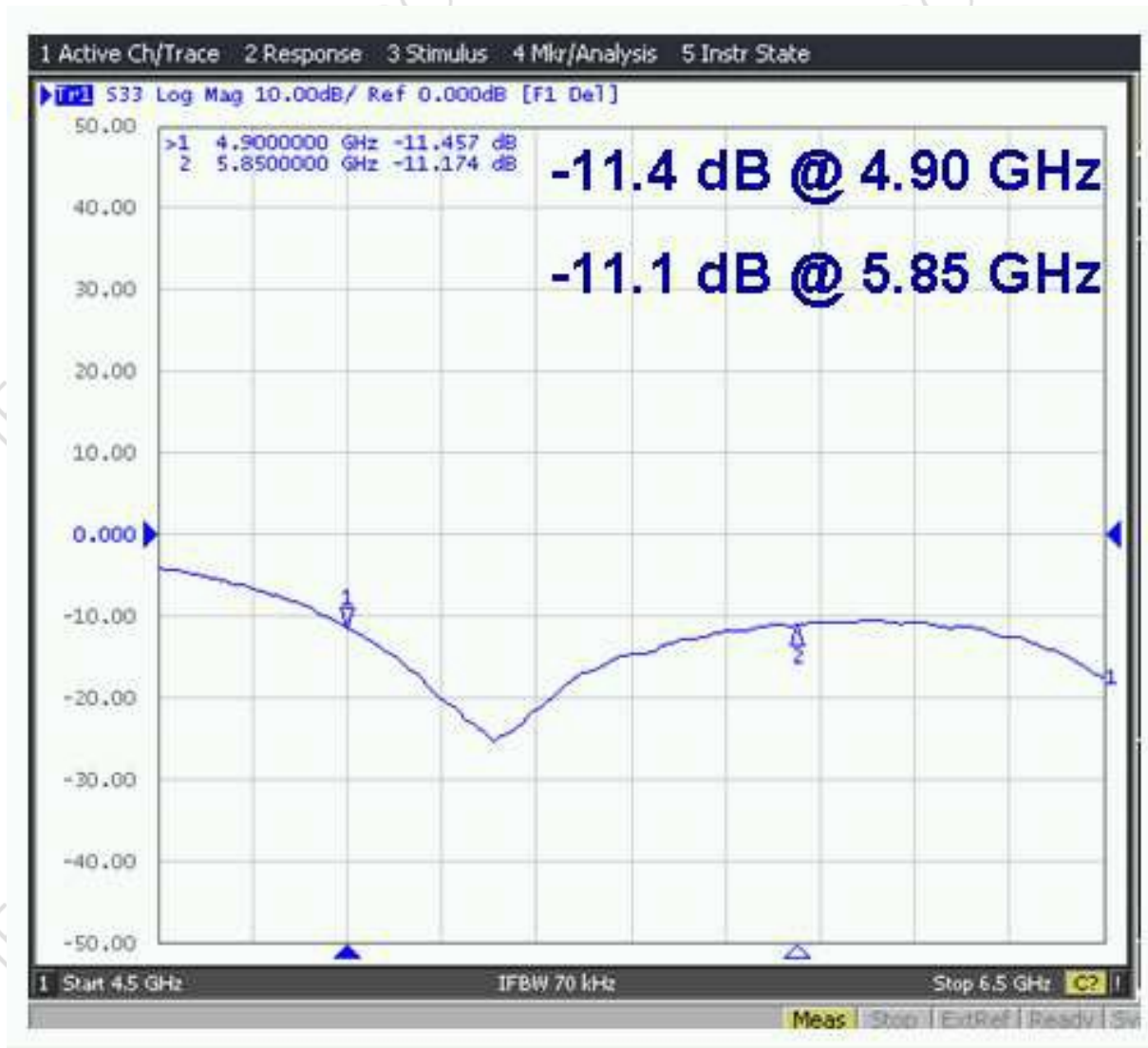


Unit : mm

TEST BOARD DESIGN



Antenna S11 on Test Board



RADIATION PATTERNS

The test board orientation is defined as:

