

# Multilayer Chip Antennas For 2.4GHz

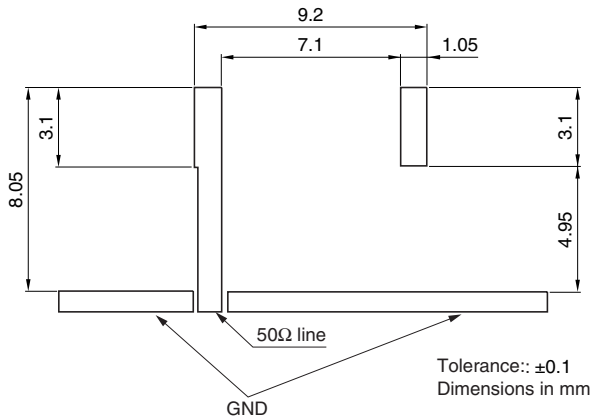
Conformity to RoHS Directive

ANT Series ANT8030-2R4-01A

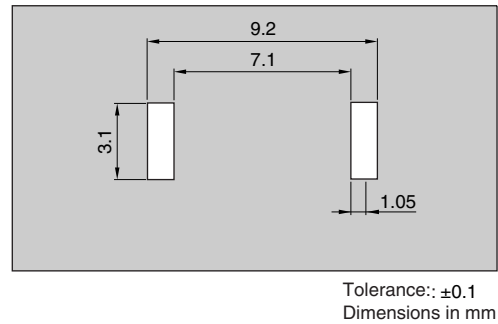
## SHAPES AND DIMENSIONS



## RECOMMENDED PC BOARD PATTERNS ELECTRODE



## SOLDER RESIST

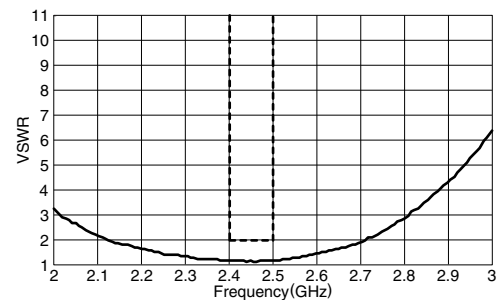


## ELECTRICAL CHARACTERISTICS

|                   |                 |              |
|-------------------|-----------------|--------------|
| Part No.          | ANT8030-2R4-01A |              |
| Center frequency  | 2450MHz         |              |
| Band width        | 100MHz          |              |
| Polarization      | Linear          |              |
| Antenna gain      | 2dBi max.       |              |
| Impedance         | 50Ω             |              |
| VSWR              | 2max.           |              |
| Temperature range | Operating       | -30 to +85°C |
|                   | Storage         | -40 to +85°C |

## FREQUENCY CHARACTERISTICS

### VSWR



• Conformity to RoHS Directive: This means that, in conformity with EU Directive 2002/95/EC, lead, cadmium, mercury, hexavalent chromium, and specific bromine-based flame retardants, PBB and PBDE, have not been used, except for exempted applications.

• All specifications are subject to change without notice.

### RADIATION PATTERNS

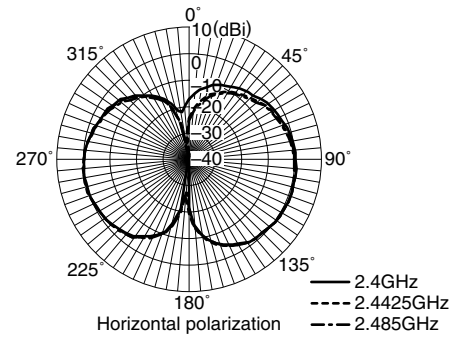
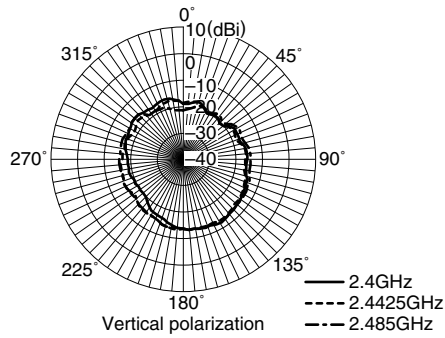
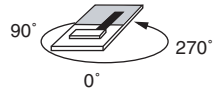
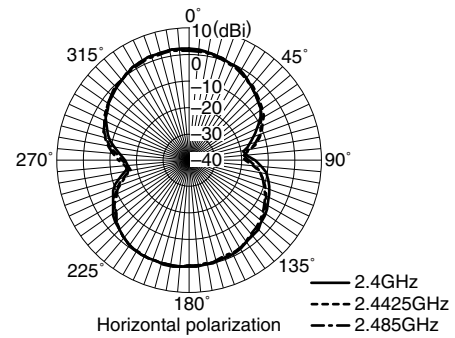
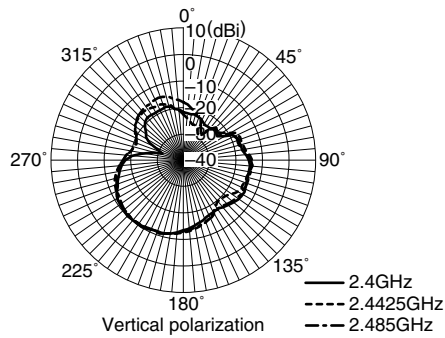
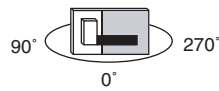
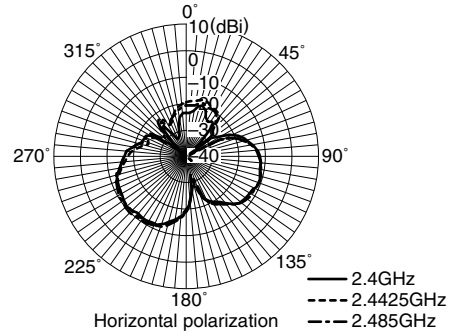
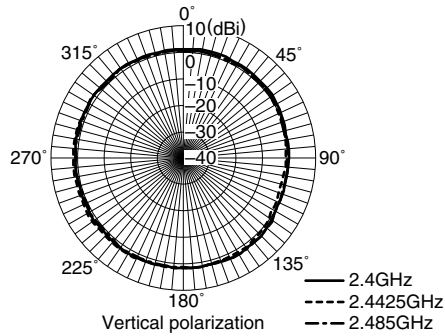
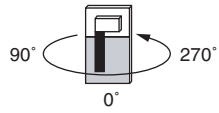
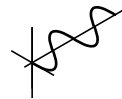
#### ANT8030-2R4-01A

Directivity angle

Vertical polarization



Horizontal polarization



- The radiation pattern is measured by mounting the antenna on 55×20mm TDK STD evaluation base.
- Standard antenna: Standard dipole(Anritsu)  
 Tx antenna: Horn(TECOM)

# AMEYA360

## Components Supply Platform

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