

# Internal TV Antenna for Mobile Equipment

## DCA-P50

Wireless Communication Components

### OUTLINE

Internalization of TV antennas has been a challenge in the industry. Mitsumi's unique design has overcome this challenge, placing fewer restrictions on the chassis design. Additionally, the antenna bears extremely broad band characteristics, eliminating the need for complicated antenna tuning circuits.



### FEATURES

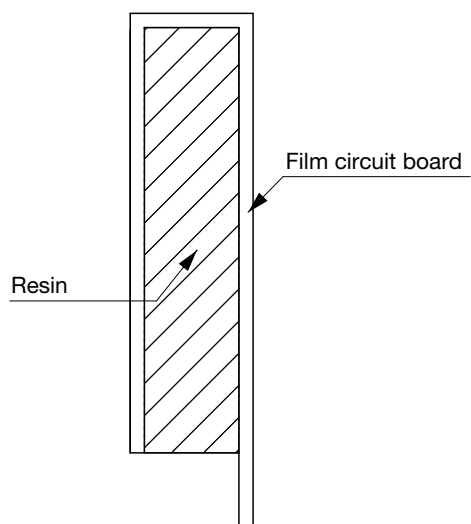
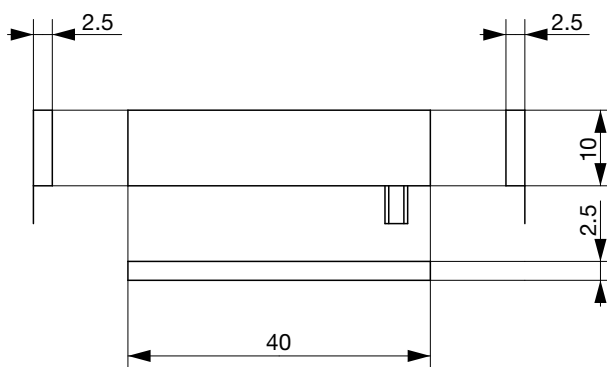
1. Broadband characteristics eliminate the need for an antenna tuning circuit.
2. Custom design to fit the housing.
3. Thin and high gain.

### SPECIFICATIONS

Item	Specifications
Reception Frequency	470 to 770MHz
Reception Polarization	linear polarization
Maximum Gain	-3 dBi min. at 470MHz
	-1 dBi min. at 600MHz
	-7 dBi min. at 770MHz
Input Impedance	50Ω
Dimensions	40(W)×10(D)×2.5(H)mm
Minimum Order	300,000pcs/year

\* Condition required fulfilling the characteristics: When antenna is mounted while the typical foldable cellular phone is opened.

**DIMENSIONS**



Unit : mm