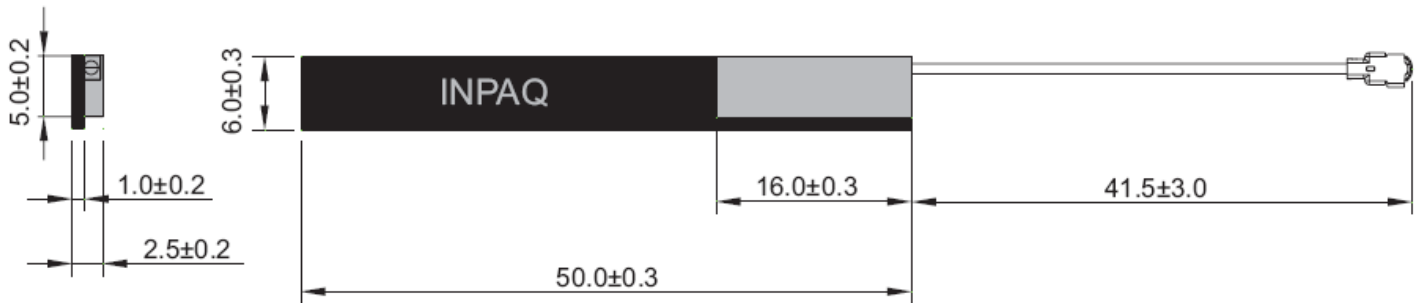


### ◆ Application

Mobile Phone, PND, Mobile Digital TV



### ◆ Dimension (mm): 50.0x6.0x1.0



### ◆ Specification

Antenna Module Performance	
Frequency Range(MHz)	470 ~ 870
Polarization	Linear
Patten	Omni-Direction
Impedance (Ω)	50 typ.
Overall Gain (dBi)	2 ~ 9 typ.
LNA Performance	
Gain (dB)	17±3 (DC=3.0V)
Noise Figure (dB)	2.0 typ.(DC=3.0V)
V.S.W.R.	2.0 max.(DC=3.0V)
Operation Voltage (V)	3.0 ± 0.3
Consumption Current (mA)	5.0 ± 1.0 (DC=3.0±0.01V)