



# YETDA INDUSTRY LTD.

## Infrared Photo Diode Series PD711

### Features:

- High sensitivity
- Ultra high speed response
- Wide photo-receiving area
- High reliability

### Applications:

- Various remote control systems
- Various detectors
- Photo-switches

### ABSOLUTE MAXIMUM RATINGS:(Ta=25°C)

Reverse Voltage	Power Dissipation	Operation Temperature	Storage Temperature
VR (V)	PD (mW)	Toper (°C)	Tstg (°C)
35	150	-30 ~ +85	-40 ~ +100

### ABSOLUTE MAXIMUM RATINGS:(Ta=25°C)

Light Current IL=(U)	Dark Current ID=(nA)	Short Circuit Voltage ISC(UA)	Open Circuit Voltage Voc(mV)	Total Capacity Ct(pF)	Peak Sensitivity Wavelength λ p(mm)	Rise Time Tr(ns)	Fall Time Tf(ns)
VR=5V H=5mW/cm2	VR=10V H=0mW/cm2	H=5mW/cm2	H=5mW/cm2	VR=5V H=0Mw/cm2 f=1MHz	IF=50mA	VR=10V RL=1K Ω	VR=10V RL=1K Ω
≥ 50	≤ 30	≥ 50	350	≤ 30	830-940	50	50

### Package

Item: 711

