



YETDA INDUSTRY LTD.

Photodiode Led Lamp P410FOD5

- With Pin Silicon photodiode Chips ◦
- Encapsulated with Block color Package ◦
- Long Leads ◦

Absolute Maximum Ratings:

Parameter	Maximum Rating	Unit
Peak Forward Current	120	mA
Continuous Forward Current	30	mA
Operating Temperature Range	-20°C to +75°C	
Storage Temperature Range	-40°C to +100°C	
Lead Soldering Temperature	260°C for 3 seconds 1.6mm(0.063 inch) from body	

Electro-Optical Characteristics (Ta = 25°C)

Parameter	Test Condition	Symbol	Min.	Typ.	Max.	Unit
Reverse Dark Current	VR=10V H=0mW/cm°	ID			10	nA
Reverse breakdown voltage	IR=100uA H=0mw/ cm°	V(BR)R	33	170		V
Open circuit voltage	Cr=2870°K H+5mw/cm°	VOC		410		mA
Short circuit current	Cr=2870°K H+5mw/cm°	Isc		16		uA
Reverse light current	Cr=2870°K H+5mw/cm°	IL		16		
Total capacitance	VR=3 H=0mw/cm° f=1MHz	Ct		6		pF
Turn-ON/Turn-OFF Time	VR=10v RL=1000Ω	Ton/toff		10/10		ns

Package

Item:410

