

<h1>SPECIFICATION</h1>

CUSTOMER : _____

DEVICE NAME : _____

MODEL NO. : _____

ISSUED DATE : _____

[CUSTOMER APPROVAL]

APPROVAL NO.				
APPROVAL DATE				
APPROVAL	INSPECTER	CHECK	APPROVAL	COMMENT

[SUPPLIER]

ISSUED DEPT.	ISSUE	REVIEW	REVIEW	APPR'D

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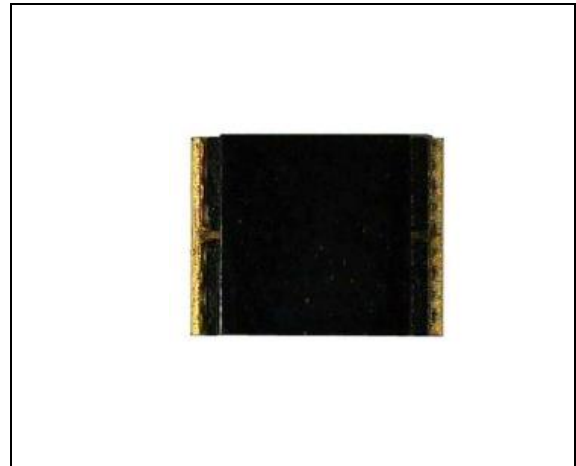
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1. FEATURES

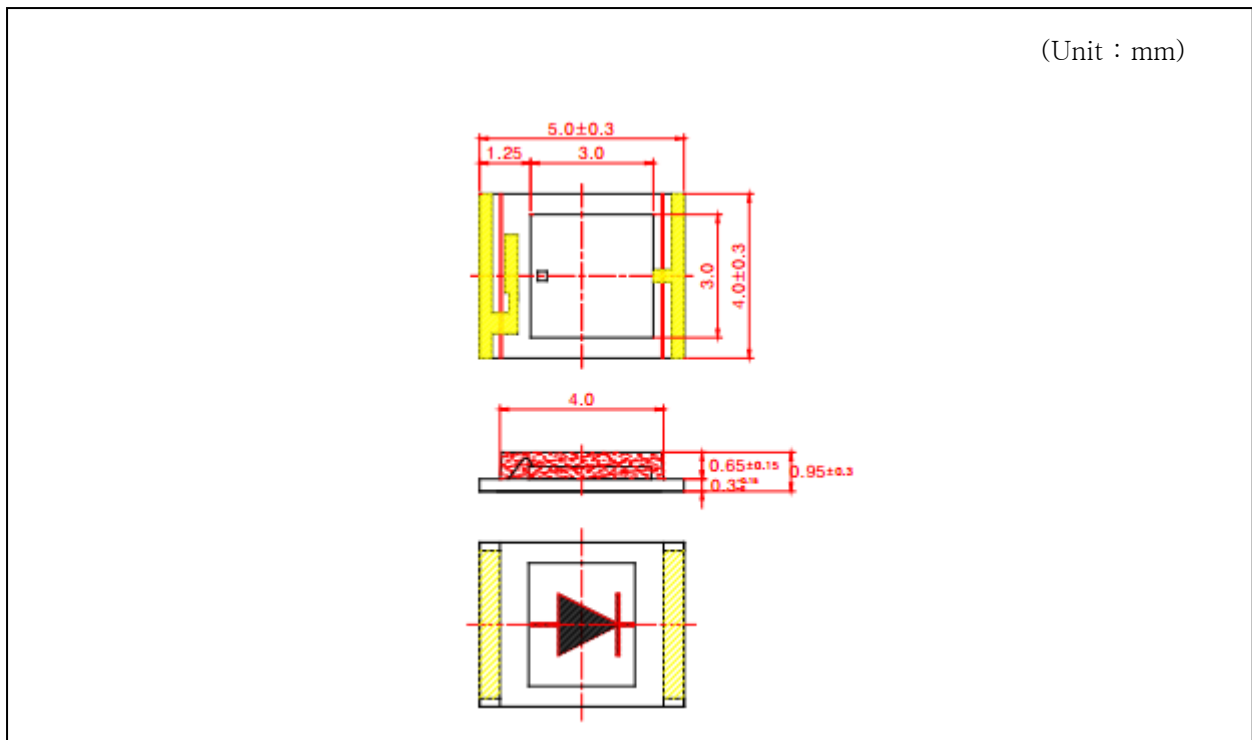
- Photo diode
- High Speed, High sensitive Chip used
- PCB with DAYLIGHT FILTER

2. APPLICATION

- 940nm source suitable perfectly.
- Wide angle response
- High speed response
- Optical module



3. OUTLINE DIMENSIONS



4. SPECIFICATIONS

■ Absolute Maximum Ratings

(Ta=25°C)

Parameter	Symbol	Value	Unit
Reverse Breakdown Voltage	BV _R	30	V
Power Dissipation	P _D	150	mW
Operating Temperature Range	T _{OPR}	-10 ~ 80	°C
Storage Temperature Range	T _{STG}	-25 ~ 100	°C
Soldering Temperature	T _{SOL}	260 °C for 5 seconds	

*1. Keep the distance more than 2.0 mm from PCB to the bottom of LED package

■ Electro-Optical Characteristics

(Ta=25°C)

Parameter	Symbol	Condition	Min	Typ	Max	Unit
Short Circuit Current	I _{SC}	E _V = 1000 lux		57		μA
Dark Current	I _D	V _R = 10 v		1	10	nA
Open Circuit Voltage	V _{OC}	E _V = 1000 lux	0.3	0.32		V
Capacitance	C _T	V=3V, f=1MHz		30	50	pF
Spectrum Sensitivity	λ	-	750		1100	nm
Peak Sensing Wavelength	λ _P	-	-	940	-	nm
Half Angle	Δθ	-	-	±60	-	Deg.

5. ELECTRO-OPTICAL CHARACTERISTICS CURVES

