

TO : \_\_\_\_\_

DATE : \_\_\_\_\_

# LDR CdS PHOTO CELL

## SPECIFICATION

MODEL NO. N5AC-501085

### Absolute Maximum Ratings

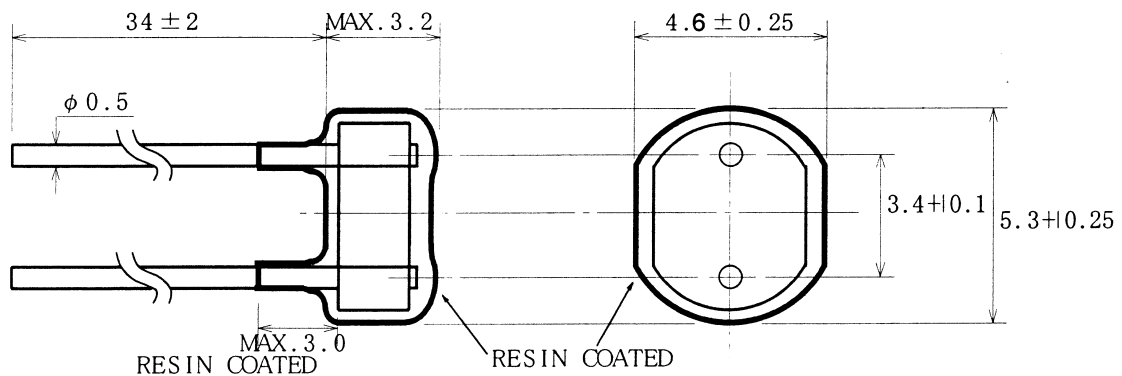
Allowable Power Dissipation ( $P_D$ ) ..... 50 mW (Derate above 25°C : 1.0 mW/°C)  
Maximum Applied Voltage ( $V_{MAX}$ ) ..... 100 V<sub>DC</sub>  
Ambient Temperature Range ( $T_A$ ) ..... -30 ~ +60 °C

### Photo-electric Characteristics (at 25°C)

PARAMETER	SYMBOL	M N.	MAX.	UNI TS
Light Resistance at 10 Lux	$R_L$	50	100	k $\Omega$
Gamma Value at 10~100 Lux	$\gamma$	0.85 (Typ.)		—
Dark Resistance (10 sec. after shut off 10 Lux)	$R_D$	5	—	M $\Omega$
Peak Spectral Response	$\lambda_P$	550	650	nm

※ Pre-measurement condition : Exposed in 500 lux for more than 3 hours.

### Dimensions (unit : mm)



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	• NIPPON CERAMIC CO., LTD.		
	MODEL NO. N5AC-501085	APPROVED BY	CHECKED BY