

# LDR CdS PHOTO CELL

## Absolute Maximum Ratings

Allowable Power Dissipation (  $P_D$  ) ..... 100 mW ( Derate above 25 °C : 1.0 mW/ °C )  
 Maximum Applied Voltage (  $V_{MAX}$  ) ..... 150 V<sub>DC</sub>  
 Ambient Temperature Range (  $T_A$  ) ..... -30 ~ +75 °C

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

PARAMETER SYMBOL		MIN.	MAX.	UNITS
Light Resistance at 10 Lux	$R_L$ 50		100	k $\Omega$
Gamma Value at 10 ~ 100 Lux	$\gamma$ 0.8	( Typ. )		—————
Dark Resistance ( 10 sec. After shut off 10 Lux )	$R_D$ 5		—————	M $\Omega$
Peak Spectral Response	$\lambda_P$	600	650	Nm

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

Dimensions unit: mm



**Order Code: N5AC-50108**