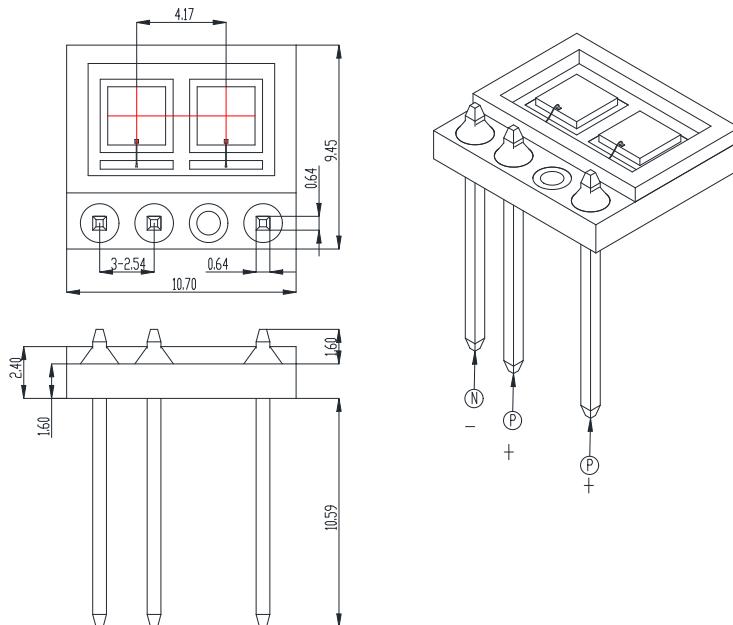


SPD27-2CK

Dimensions

(Unit:mm)



MAXIMUM RATINGS

(Ta= 25°C)

Item	Symbol	Rating	Unit
Reverse Voltage	V _R	35	V
Operating Temperature	Topr.	-30~+70	°C
Storage Temperature	Tstg.	-40~+80	°C
Soldering temperature *1	Tsol.	260	°C

*1. Lead Soldering Temperature(3mm from case for 5sec)

ELECTRO- OPTICAL CHARACTERISTICS *2

(Ta= 25°C)

Items	Symbol	Condition	Min.	Typ.	Max.	Unit
Open circuit voltage	V _{OC}	E _V =1000Lux *3		0.4		V
Short circuit current	I _{SC}			75		µA
Dark current	I _D	V _R =10V		50		nA
Capacitance	C _t	V=0V,f=100KHz		55		pF
Temperature coefficient of Voc	αt			-2.2		mV/°C
Temperature coefficient of Isc	βt			0.36		%/°C
Spectral sensitivity	λ		400~1100			nm
Peak wavelength	λ _p			1070		nm
Half angle	Δθ			±60		deg.

*2. Electro-optical characteristics for each single photo diode

*3. Irradiance by CIE standard light source A (2856K tungsten lamp)