

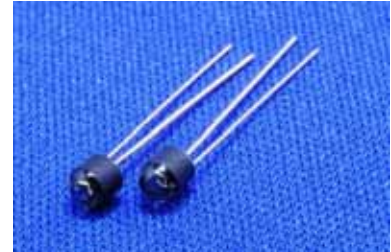
Silicon Planar Photo Transistor
Model No. SE-08

Ceramic Photo-TR

Absolute Maximum Ratings

Ta = 25

Parameter	Symbol	Value	Unit
Operating Temperature	Topr	-20 ~ +75	
Storage Temperature	Tstg	-30 ~ +100	



Electro-optical Characteristics

Ta = 25

Parameter	Symbol		Value	Unit	Condition
Package Size			3.0	mm	
Active Area			0.35	mm ²	
Sensitive wavelength			360~1060	nm	
Peak Wavelength	λ_p	Typ	870	nm	
Light Current	I_L	Typ	200	μA	$V_{CE}=2V, 100lx$
Dark Current	I_D	Max	100	pA	$V_{CE}=2V$
Rise Time	t_r	Typ	3.0	μs	$V_{CE}=2V, R_L=1k$
Fall Time	t_f	Typ	3.0		

External Dimension (unit: mm)

