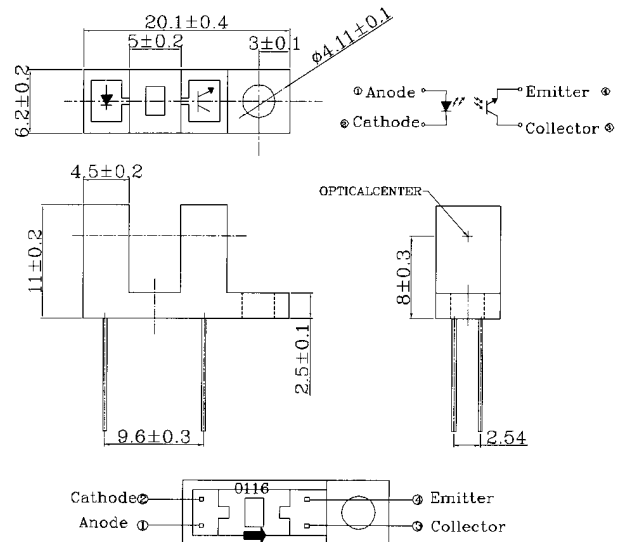
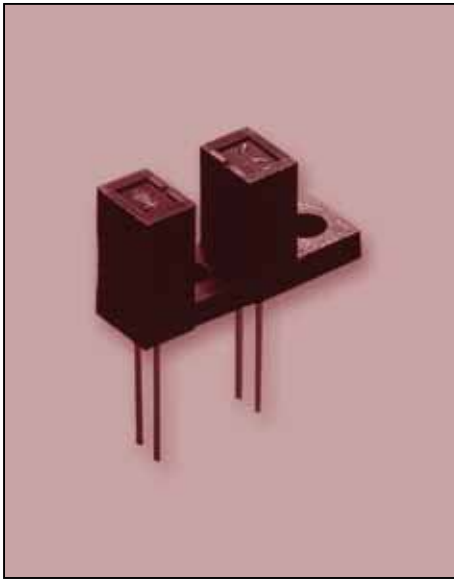


LIGHT

ITR-H-0116 PHOTOINTERRUPTER**◆ABSOLUTE MAXIMUM RATING:(Ta=25°C)**

	Symbol	Parameter	Max	Unit
Input	P _d	Power Dissipation	60	mW
	V _R	Reverse Voltage	5	V
	I _F	Forward Current	50	mA
Output	P _d	Power Dissipation	10	mW
	I _C	Collector Current	20	mA
	V _{CEO}	Collector-Emitter Voltage	30	V
Topr		Operating Temperature Range	-20°C to 85°C	
Topr		Emitter-Collector Voltage	-20°C to 85°C	
Lead Soldering Temperature {1.6mm(0.063 inch)From Body}250°C±5°C For 3 Seconds				

◆ELECTRO-OPTICAL CHARACTERISTICS:(Ta=25°C)

	Symbol	Parameter	Conditions	Min	Typ	Max	Unit
Input	V _F	Forward Voltage	I _F =20mA	-	1.2	1.5	V
	I _R	Reverse Current	V _R =5V	-	-	10	μA
	λ _P	Peak Wavelength	I _F =20mA	-	940	-	nm
Output	I _{CEO}	Collector Dark Current	V _{CE} =20V E _e =0mW/cm ²	-	-	100	nA
	V _{CE(sat)}	C-E Saturation Voltage	I _C =5V I _F =20mA	-	-	0.4	V
I _C (ON)		Collector Current	V _{CE} =5V I _F =20mA	0.5	-	-	mA
Speed	t _R ; t _F	Rise/Fall Time	V _{CE} =5V I _C =1mA R _L =1000 Ω	-	15/15	-	μs

1.All dimension are in millimeters(inches).

2.Tolerance is ±0.25mm(0.01")unless otherwise specified.