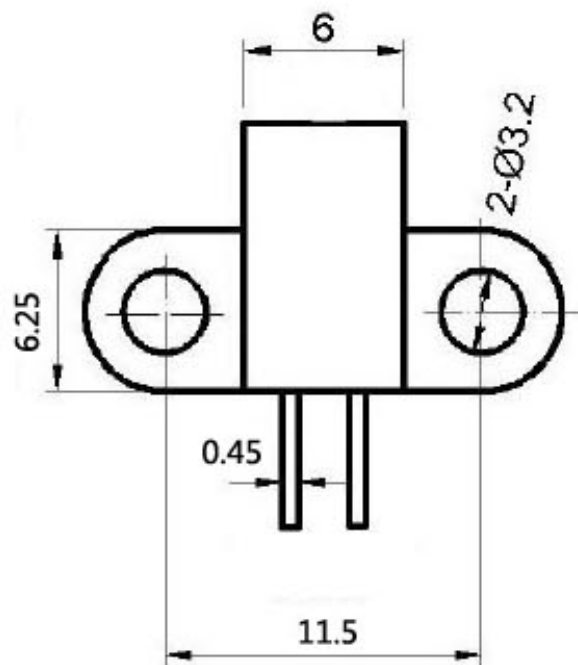
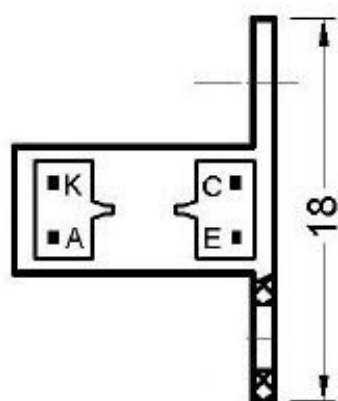


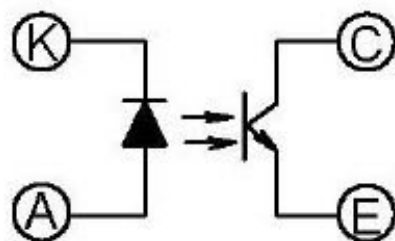
主视图



剖视图



底视图



内部电路

Absolute Maximum Ratings (Ta=25°C)

Parameter		Symbol	Ratings	Unit
Input	Power Dissipation at (or below) 25°C Free Air Temperature	P _d	75	mW
	Reverse Voltage	V _R	5	V
	Forward Current	I _F	50	mA
	Peak Forward Current Pulse width ≤100 μs, Duty cycle=1%	I _{FP}	1	A
Output	Collector Power Dissipation	P _C	75	mW
	Collector Current	I _C	20	mA
	Collector-Emitter Voltage	V _{CEO}	30	V
	Emitter-Collector Voltage	V _{ECO}	5	V
Operating Temperature		Topr	-25~+85	°C
Storage Temperature		Tstg	-40~+85	°C
Lead Soldering Temperature (1/16 inch from body for 5 seconds)		Tsol	260	°C

Electro-Optical Characteristics (Ta=25°C)

Parameter		Symbol	Min.	Typ.	Max.	Unit	Condition
Input	Forward Voltage	V _F	-	1.2	1.6	V	I _F =20mA
	Reverse Current	I _R	-	-	10	μA	V _R =5V
	Peak Wavelength	λ _p	-	940	-	nm	I _F =20mA
	View Angle	2θ _{1/2}	-	60	-	Deg	I _F =20mA
Output	Collector Dark Current	I _{CEO}	-	-	100	nA	V _{CE} =10V
Transfer Characteristic	C-E Saturation Voltage	V _{CE(sat)}	-	-	0.4	V	I _C =0.5mA I _F =20mA
	Collector Current	I _{C(ON)}	1	4	15	mA	V _{CE} =5V I _F =10mA
	Rise time	t _r	-	20	-	μsec	V _{CE} =5V
	Fall time	t _f	-	20	-	μsec	I _C =1mA R _L =1KΩ