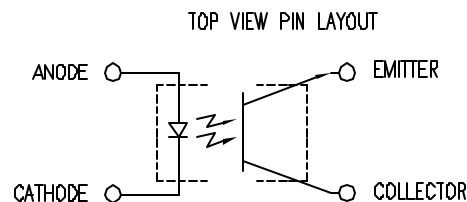
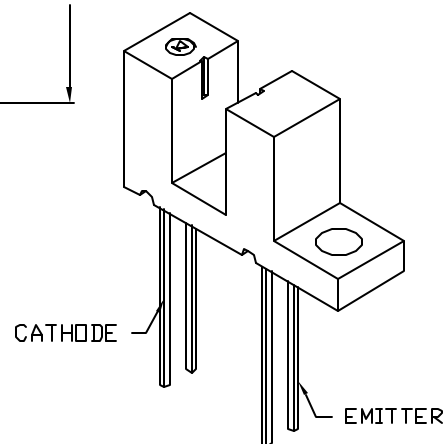
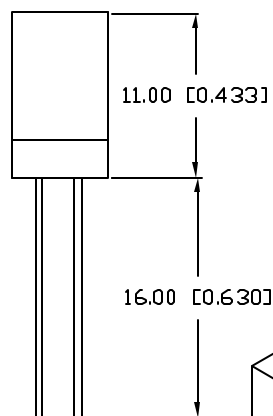
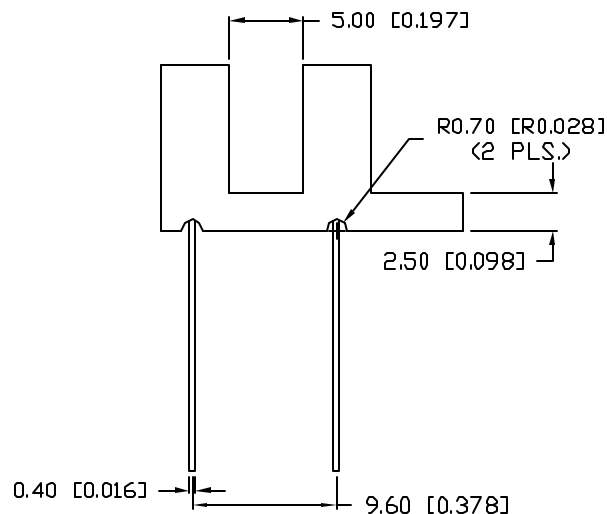
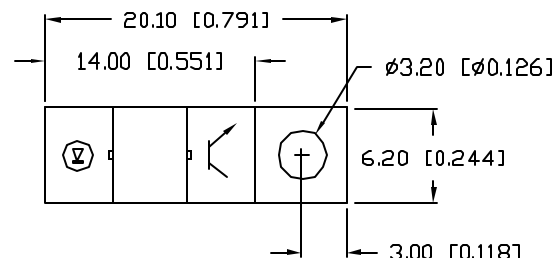


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ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{ mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		940		nm	
FORWARD VOLTAGE		1.2	1.6	V	$I_f=30\text{ mA}$
REVERSE VOLTAGE	5.0			V	$I_c=10\text{ }\mu\text{A}$
DARK CURRENT			100	nA	$V_{ce}=10\text{ V}$
C/E SATURATION VOLTAGE			1.0	V	$I_c=15\text{ mA}$
COLLECTOR ON CURRENT	4			mA	$V_{ce}=2\text{ V}$
SWITCHING TIME		50		μS	$I_f=10\text{ mA}$ $V_{ce}=5\text{ V}, R_L=1000\text{ }\Omega$

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT	50	mA
REVERSE VOLTAGE	5	V
C/E BREAKDOWN VOLTAGE	30	V
E/C BREAKDOWN VOLTAGE	3	V
POWER DISSIPATION	75	mW
OPERATING TEMP.	-25 TO +85	$^\circ\text{C}$
STORAGE TEMP.	-40 TO +100	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY		5 SEC. MAX

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*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN=+0.00 PRECISION MAX=+0.00 PRECISION -0.00

REV.

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PHOTO INTERRUPTER, 1 TAB.

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RELIABILITY NOTE

OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



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PAGE: 1 OF 1

SCALE: N/A