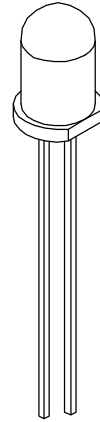
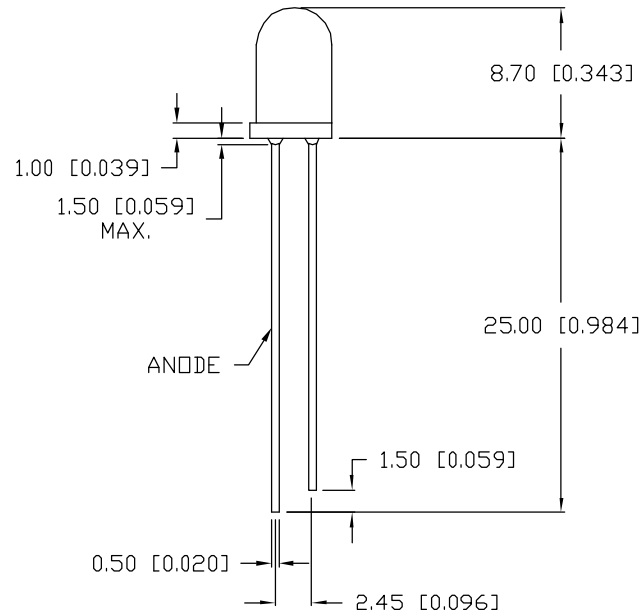
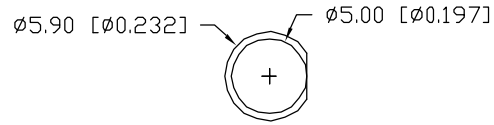


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REV.



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH SENS.		880		nm	
SPECTRAL SENSITIVITY	450		1100	nm	
OPEN CIRCUIT VOLTAGE		0.40		V	$E_v = 1000 \text{ LUX}$
SHORT CIRCUIT CURRENT		100		μA	
DARK CURRENT			10	nA	$V_r = 10\text{V}$
SWITCHING TIME		8		nS	$V_r = 10\text{V}, R_l = 1000\Omega$
TOTAL CAPACITANCE		5		pF	$E_e = 0.0 \text{ mW/cm}^2$ $V_r = 3\text{V}, F = 1\text{MHz}$
HALF ANGLE		± 20		degrees	
EPOXY FINISH:		CLEAR			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
REVERSE VOLTAGE	35	V
POWER DISSIPATION	150	mW
OPERATING TEMP.	-20 TO +70	$^\circ\text{C}$
STORAGE TEMP.	-30 TO +80	$^\circ\text{C}$
SOLDERING TEMP.	+230	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX

*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=+DECIMAL PRECISION MAX.=+0.00 -DECIMAL PRECISION

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5mm PHOTO DIODE,
WATER CLEAR LENS.

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.

DRAWN BY:

CT

CHECKED BY:

APPROVED BY:

DATE: 6.18.03

PAGE: 1 OF 1

SCALE: N/A