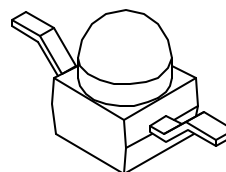
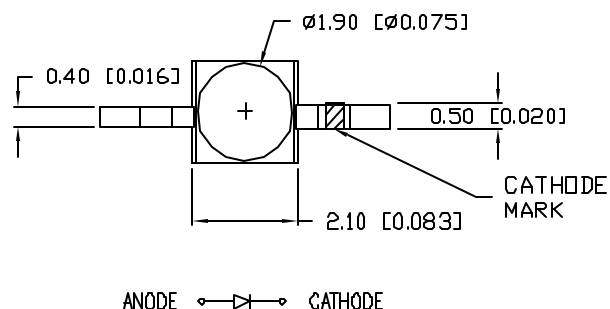


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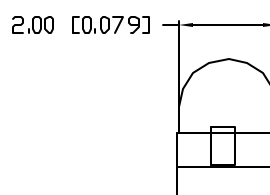
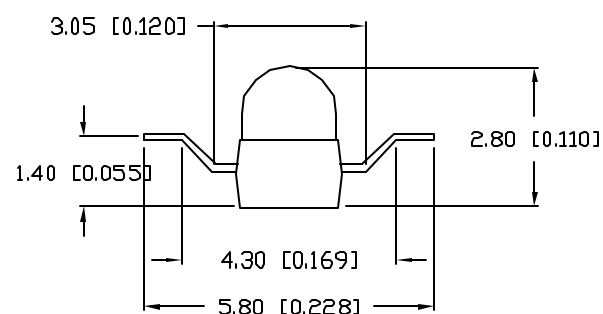
REV.

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

PARAMETER	SYMBOL	TEST CONDITION	MIN	TYP	MAX	UNIT
OPEN CIRCUIT VOLTAGE	V_{oc}	$E_e=5\text{mw/cm}^2$		0.42		V
SHORT CIRCUIT CURRENT	I_{sc}	$E_e=5\text{mw/cm}^2$		15		μA
DARK CURRENT	I_d	$V_r=10\text{V}$			10	nA
TERMINAL CAPACITANCE	C_t	$V_r=5\text{V}, F=1\text{MHz}$		5		pF
RESPONSE TIME	T_r/T_f	$V_r=10\text{V}, R_L=1000\Omega$		6/6		nS
SPECTRAL SENSITIVITY	λ			730~1200		nm
PEAK WAVELENGTH	λ_p			980		nm
HALF ANGLE	$\Delta\theta$			± 20		DEG
LENS COLOR:		BLACK				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
REVERSE VOLTAGE	32	V
POWER DISSIPATION	150	mW
OPERATING TEMP.	-25 TO +85	$^\circ\text{C}$
STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX



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

REV.

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T- 1.7mm LEADS PHOTODIODE, Z-BEND,
WITH DAYLIGHT FILTER.

CONFIDENTIAL INFORMATION

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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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SCALE: N/A