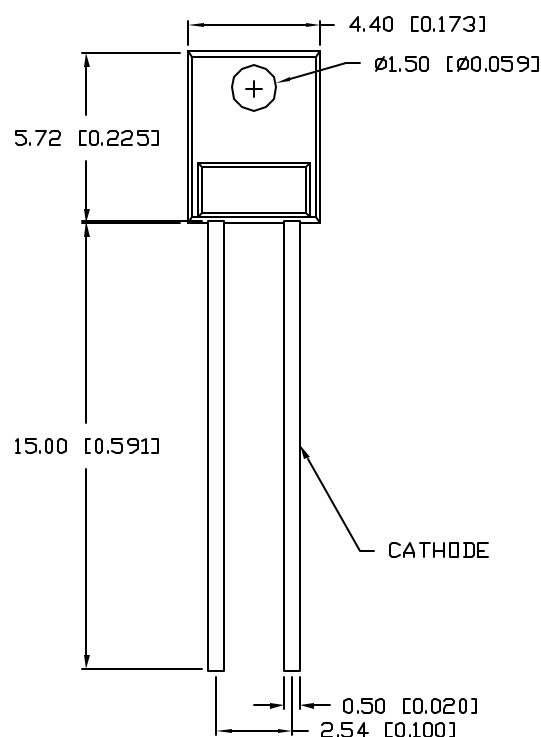
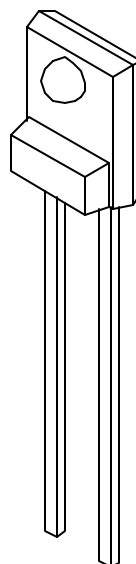
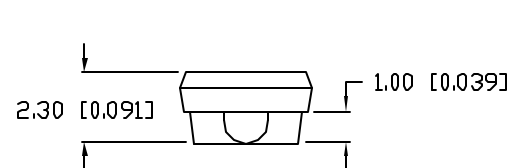


ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$

PARAMETER	SYMBOL	TEST CONDITION	MIN	TYP	MAX	UNIT
OPEN CIRCUIT VOLTAGE	V_{oc}	$E_e=0.5\text{mw}/\text{cm}^2$		0.35		V
SHORT CIRCUIT CURRENT	I_{sc}	$E_e=0.5\text{mw}/\text{cm}^2$		10		μA
DARK CURRENT	I_d	$V_r=10\text{V}$			10	nA
TERMINAL CAPACITANCE	C_t	$V_r=0\text{V}$, $F=1\text{MHz}$		10		pF
RESPONSE TIME	T_r/T_f	$V_r=10\text{V}$, $R_L=1000\ \Omega$		6/6		nS
SPECTRAL SENSITIVITY	λ			450~1100		nm
PEAK WAVELENGTH	λ_p			880		nm
HALF ANGLE	$\Delta\theta$			± 30		DEG
LENS COLOR:		CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
REVERSE VOLTAGE	20	V
POWER DISSIPATION	20	mW
OPERATING TEMP.	-20 TO +82	$^\circ\text{C}$
STORAGE TEMP.	-30 TO +100	$^\circ\text{C}$
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.

PART NUMBER

OED-HPI-1556SN

T1.5mm RIGHT ANGLE DOME LENS,
PIN PHOTODIODE.

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