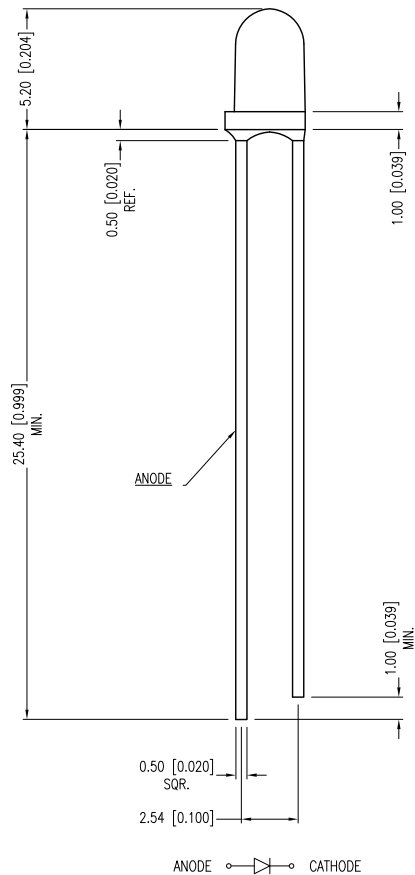
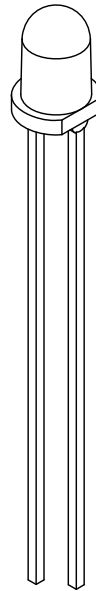
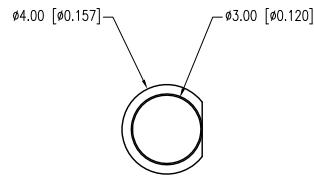


ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^{\circ}\text{C}$ $I_f=20\text{mA}$

PARAMETER	SYMBOL	TEST CONDITION	MIN	TYP	MAX	UNITS
OPEN CIRCUIT VOLTAGE	V_{oc}	$E_e=5.0\text{mw}/\text{cm}^2$		0.44		V
SHORT CIRCUIT CURRENT	I_{sc}	$E_e=1.0\text{mw}/\text{cm}^2$		10		μA
DARK CURRENT	I_d	$V_r=10\text{V}$ $E_e=0.0\text{mw}/\text{cm}^2$			10	nA
TERMINAL CAPACITANCE	C_t	$V_r=5\text{V}, F=1\text{MHz}$		10		pF
RESPONSE TIME	T_r/T_f	$V_r=10\text{V}, R_L=1000\Omega$		10/10		nS
SPECTRAL SENSITIVITY	$\lambda(0.5)$			400~1100		nm
PEAK WAVELENGTH	$\lambda(p)$			940		nm
LENS COLOR:		CLEAR				

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.

* $t < 10\mu\text{s}$

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.

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

UNCONTROLLED DOCUMENT



425 N. GARY AVE.
CAROL STREAM, IL 60188-4900
PHONE: +1.800.278.5666
FAX: +1.630.315.2152
WEB: WWW.LUMEX.COM
MEMBER OF ITW PHOTONICS GROUP

PN JUNCTION SILICON PHOTODIODE

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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