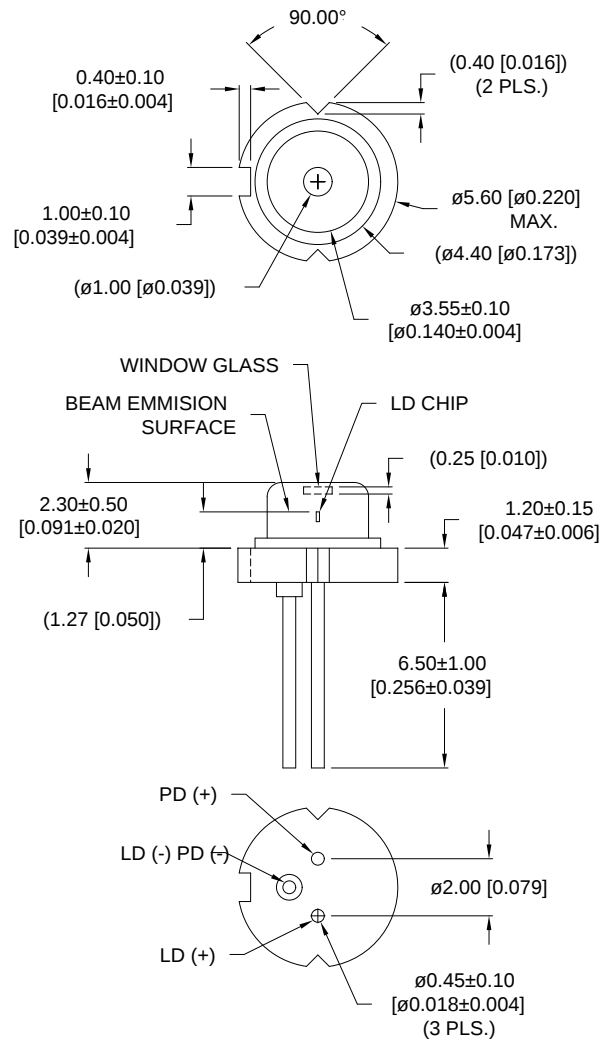


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PART NUMBER
OED-LD65001E

REV.

REV.	E.C.N. NUMBER AND REVISION COMMENTS
------	-------------------------------------

DATE _____

ELECTRO-OPTICAL CHARACTERISTICS ($T_c=25^\circ\text{C}$)

PARAMETER	SYMBOL	MIN	TYP	MAX	TEST COND	UNITS
LASING WAVELENGTH	λ		650	660	Po=5mW	nm
THRESHOLD CURRENT	I _{th}		18	25	CW	mA
OPERATING CURRENT	I _{op}		25	35	Po=5mW	mA
OPERATING VOLTAGE	V _{op}	2.0	2.1	2.5	Po=5mW	V
MONITORING CURRENT	I _m	0.05	0.1	0.5	Po=5mW	mA
ASTIGMATISM	As	3	5	8		μm
BEAM DIVERGENCE:	$\theta_{//}$		9		Po=5mW,	deg.
	$\theta_{\perp}$		33		FWHM	deg.

ABSOLUTE MAXIMUM RATINGS (Tc=25°C)

PARAMETER	SYMBOL	MAX	UNITS
OPTICAL POWER	P ₀	5	mW
LD REVERSE VOLTAGE	V _{R(LD)}	2	V
PD REVERSE VOLTAGE	V _{R(PD)}	30	V
OPERATING TEMP.	T _{op}	10 TO + 70	°C
STORAGE TEMP.	T _{stg}	40 TO + 85	°C

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*UNLESS OTHERWISE SPECIFIED TOLERANCE IS $\pm 0.25\text{mm}$ ($\pm 0.010''$)

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650nm LASER DIODE, TO-18 (ø5.6mm) PACKAGE,
5mW OUTPUT, DVD USE.

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DU			SCALE: N/A