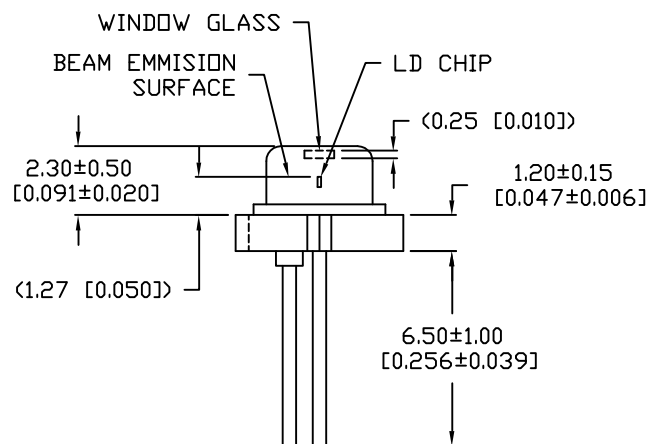
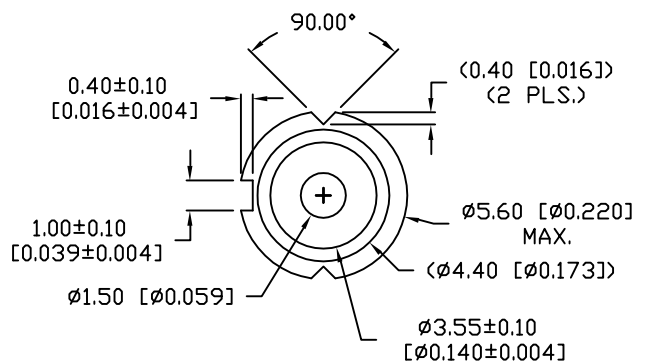


*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN.=+DECIMAL PRECISION -0.00 MAX.=+0.00 -DECIMAL PRECISION

ELECTRO-OPTICAL CHARACTERISTICS (Tc=25°C)

PARAMETER	SYMBOL	MIN	TYP	MAX	TEST COND	UNITS
LASING WAVELENGTH	λ	645	650	660	Po=5mW	nm
THRESHOLD CURRENT	I _{th}		20	30	CW	mA
OPERATING CURRENT	I _{op}		30	40	Po=5mW	mA
OPERATING VOLTAGE	V _{op}	2.0	2.2	2.6	Po=5mW	V
MONITORING CURRENT	I _m	0.1	0.2	0.8	Po=5mW	mA
BEAM DIVERGENCE:	θ		8		Po=5mW,	deg.
	θ_L		33		FWHM	deg.

ABSOLUTE MAXIMUM RATINGS (Tc=25°C)

PARAMETER	SYMBOL	MAX	UNITS
OPTICAL POWER	Po	7	mW
LD REVERSE VOLTAGE	V _{R(LD)}	2	V
PD REVERSE VOLTAGE	V _{R(PD)}	30	V
OPERATING TEMP.	T _{op}	0 TO + 40	°C
STORAGE TEMP.	T _{stg}	- 40 TO + 85	°C

REV.

PART NUMBER
OED-LDP65002E650nm LASER DIODE, T0-18 (ø5.6mm PACKAGE,
5mW OUTPUT.

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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			PAGE: 1 OF 1
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