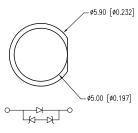
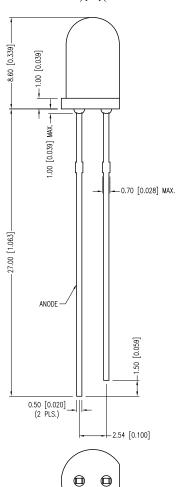
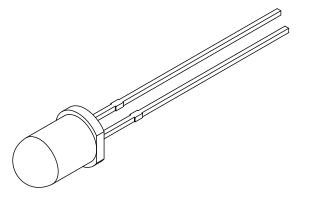
REV.







ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA PARAMETER MAX UNITS TEST COND PEAK WAVELENGTH FORWARD VOLTAGE 2.8 3.6 Vf If=20mA REVERSE VOTLAGE 5.0 ۷r Ir=10µA LUMINOUS INTENSITY* 18000 36000 If=20mA mcd CHROMATICITY (X) 0.29 If=20mA COORDINATES (Y)** 0.28 VIEWING ANGLE 15 2x theta EMITTED COLOR: WHITE

WATER CLEAR *AXIAL INTENSITY TESTING CONDITION 550nm WAVELENGTH.

**THE ICI STANDARD COLORIMETRIC SYSTEM.

LIMITS OF SAFE OPERATION AT 25°C

LENS FINISH:

PARAMETER	SYMBOL	MAX	UNITS	_
PULSE FORWARD CURRENT	IΡ	100	mA	
STEADY CURRENT	lF	30	mA	
POWER DISSIPATION	Po	110	mW	
OPERATING TEMP.	Topr	-40 TO +85	•c	
STORAGE TEMP.	Sstg	-40 TO +100	•c	
SOLDERING TEMP.		+260	•C	
2.0mm FROM BODY		3	SEC.	

*DUTY 1/10 PULSE WIDTH 10ms

CAUTION: STATIC SENSITIVE DEVICE FOLLOW PROPER E.S.D. HANDLING PROCEDURES

WHEN WORKING WITH THIS PART.

*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= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ PRECISION ARE: X=±1 (±0.039), X.XX=±0.5 (±0.020), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00$ UNCONTROLLED DOCUMENT



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

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DATE: 08.27.14 DRAWN BY: MA PAGE: 1 OF 1 CHKD BY: KF SCALE: NTS APRVD BY: KF UNIT: mm [INCH] (Pb)

Mouser Electronics

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