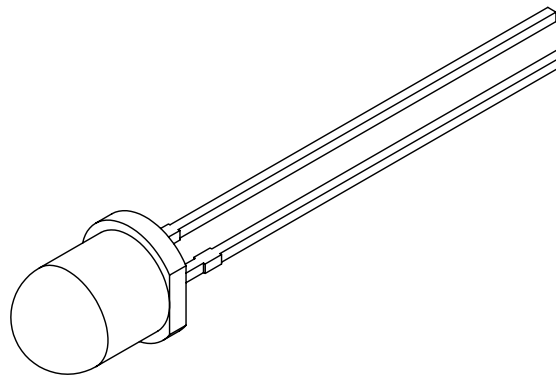
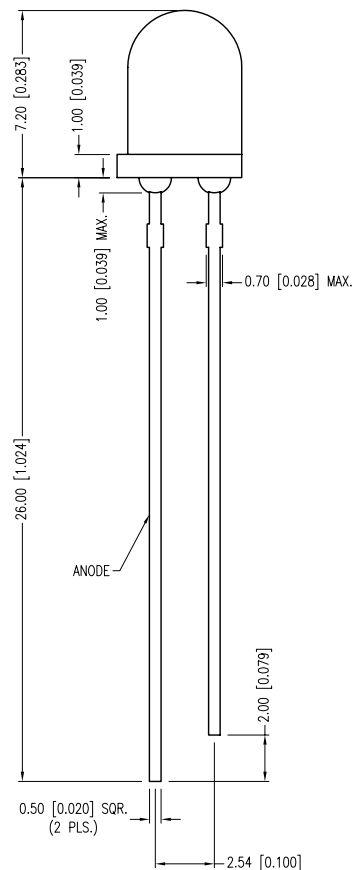
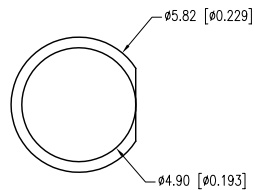




ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		—		nm	
FORWARD VOLTAGE	2.8		3.6	Vf	If=20mA
REVERSE VOLTAGE	5.0			Vr	If=100μA
AXIAL INTENSITY	700		1200	mcd	If=10mA
CHROMATICITY (X)	0.26		0.30		
COORDINATES (Y)**	0.26		0.30		If=20mA
VIEWING ANGLE		65		2x theta	
EMITTED COLOR:	WHITE				
LENS FINISH:	MILKY WHITE DIFFUSED				

*AXIAL INTENSITY TESTING CONDITION 550nm WAVELENGTH.

**THE ICI STANDARD COLORIMETRIC SYSTEM.

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	SYMBOL	MAX	UNITS
PULSE FORWARD CURRENT*	Ip	100	mA
STEADY CURRENT	If	30	mA
POWER DISSIPATION	Id	170	mW
OPERATING TEMP.	ToPR	-40 TO +80	°C
STORAGE TEMP.	Sstg	-40 TO +85	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY		3	SEC. MAX

*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 PRECISION -0.00 MAX.= +0.00 -DECIMAL PRECISION

UNCONTROLLED DOCUMENT



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T-4.7mm SUPER WHITE LED, WHITE DIFFUSED LENS.

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

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DATE:	04.03.12	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		Ⓟ