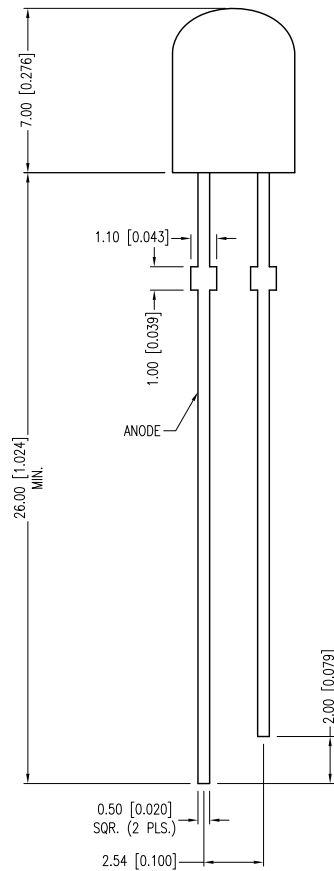
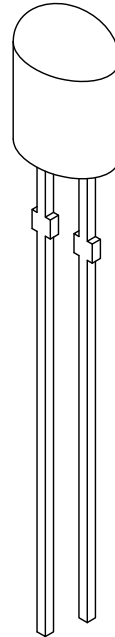
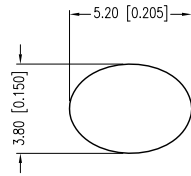


[A] ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^\circ\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		590		nm	
FORWARD VOLTAGE	1.8	2.2	2.6	Vf	$I_f=20\text{mA}$
REVERSE VOLTAGE	5.0			Vr	$I_r=10\mu\text{A}$
AXIAL INTENSITY	1500	2000	2500	mcd	$I_f=20\text{mA}$
VIEWING ANGLE (VERT.)		40		2x theta	
VIEWING ANGLE (HOR.)		80		2x theta	
EMITTED COLOR:	YELLOW				
LENS FINISH:	YELLOW DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	SYMBOL	MAX	UNITS
PULSE FORWARD CURRENT	I_p	160	mA
STEADY CURRENT	I_f	30	mA
POWER DISSIPATION	P_d	100	mW
OPERATING TEMP.	T_{opr}	-40 TO +80	$^\circ\text{C}$
STORAGE TEMP.	T_{stg}	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.		+260	$^\circ\text{C}$
2.0mm FROM BODY		3	SEC.

*DUTY 1/10 PULSE WIDTH 10ms

*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.= $^{+0.00}_{-0.00}$ DECIMAL PRECISION MAX.= $^{+0.00}_{-0.00}$ DECIMAL PRECISION

UNCONTROLLED DOCUMENT



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QUASARBRITE T-5mm (T-1 3/4) YELLOW OVAL SHAPE LED, DIFFUSED LENS.

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

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DATE:	02.19.13	DRAWN BY:	MA
PAGE:	1 OF 2	CHKD BY:	DT
SCALE:	NTS	APRVD BY:	DT
UNIT:	mm [INCH]		(Pb)

