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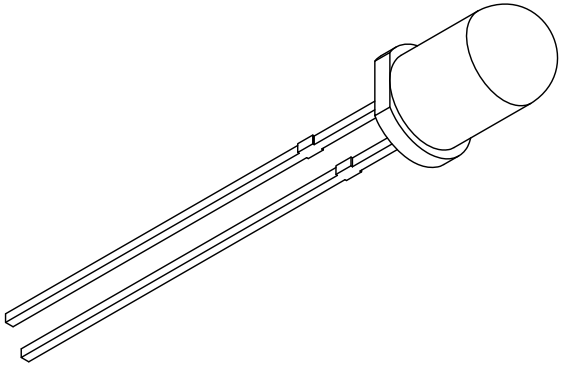
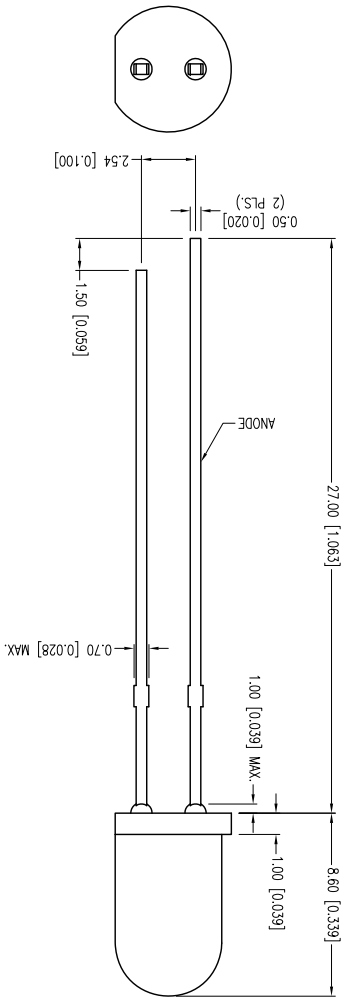
\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*

QUASARBRITE T-5mm (T-1 3/4) 595nm SUPER YELLOW LED, WATER CLEAR LENS.

DATE: 08.27.14	UNIT: mm [INCH]
DRAWN BY: MA	SCALE: NTS
CHKD BY: KF	PAGE: 1 OF 1
APRD BY: KF	

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

UNCONTROLLED DOCUMENT



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

PARAMETER	UNITS	TEST COND	MIN	TYP	MAX
PEAK WAVELENGTH	nm		595		
FORWARD VOLTAGE	V <sub>f</sub>	$I_f=20\text{mA}$	2.1		2.6
REVERSE VOLTAGE	V <sub>r</sub>	$I_r=100\mu\text{A}$			5.0
LUMINOUS INTENSITY	mcd	$I_f=20\text{mA}$	16500		12
VIEWING ANGLE			YELLOW		
EMITTED COLOR:			EPOXY LENS FINISH: WATER CLEAR		

PARAMETER	UNITS	MAX
PEAK FORWARD CURRENT*	mA	100
STEADY CURRENT	mA	35
POWER DISSIPATION	mW	90
DERATE FROM 25°C	mW/°C	-1.2
OPERATING TEMP.	°C	-30 TO +80
STORAGE TEMP.	°C	-40 TO +100
SOLDERING TEMP.	°C	+260
2.0mm FROM BODY	SEC.	3

\*  $t < 10\mu\text{s}$

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