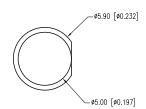
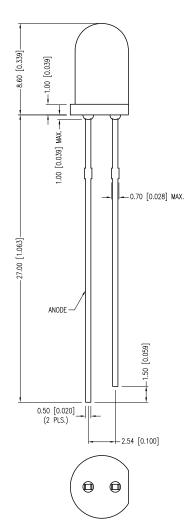
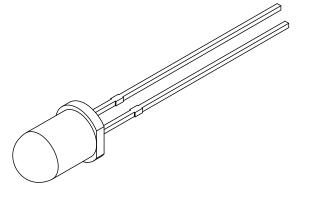
REV.







ELECTRO-OPTICAL CH	HARACTERISTICS Ta=	25°C If=20mA			
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		520		nm	
FORWARD VOLTAGE		3.2	3.8	Vf	If=20mA
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
LUMINOUS INTENSITY		40000		mcd	If=20mA
VIEWING ANGLE		15		2x theta	
EMITTED COLOR:	GREEN				
LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C			
PARAMETER	MAX	UNITS	
PEAK FORWARD CURRENT*	100	mA	
STEADY CURRENT	20	mA	
POWER DISSIPATION	80	mW	
DERATE FROM 25°C	-1.2	mW/°C	
OPERATING TEMP.	-30 TO +80	*C	
STORAGE TEMP.	-40 TO +100	*C	
SOLDERING TEMP.	+260	*C	
2.0mm FROM BODY	3	SEC.	
* 1 / 10 C			

*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= $^{+0.00}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ PRECISION $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ PRECISION $^{-0.00}_{-0.00}$ PRECISION $^{-0.00}_{-0$ UNCONTROLLED DOCUMENT 425 N. GARY AVE.

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MEMBER OF ITW PHOTONICS GROUP

QUASARBRITE T-5mm (T-1 3/4) 520nm ULTRA PURE GREEN LED, WATER CLEAR LENS.

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 (Pb) UNIT: mm [INCH]

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