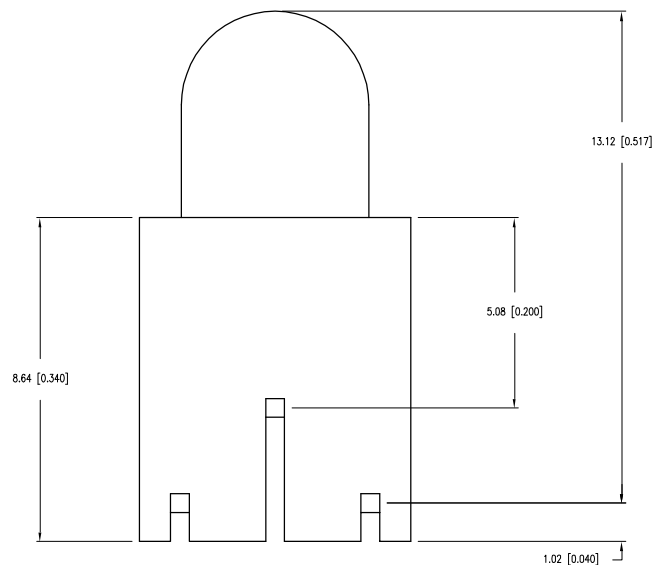
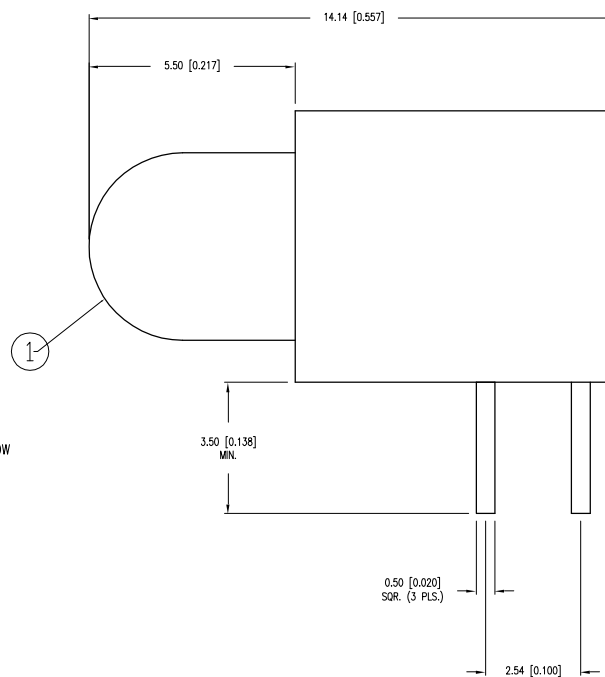
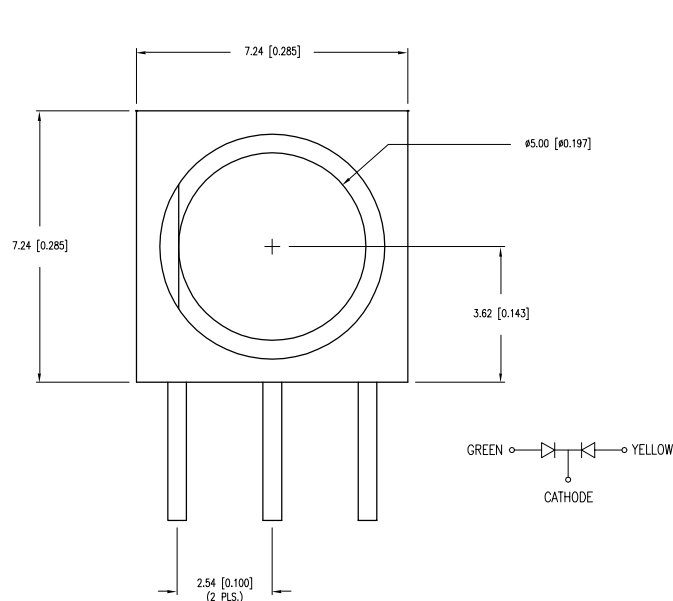


ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$

PARAMETER	COLOR	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH			515		nm	
			590		nm	
FORWARD VOLTAGE	(G/Y)		3.3/2.0	4.1/2.5	V_f	
REVERSE VOLTAGE		5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY	(G/Y)		5500/1600		mcd	$I_f=20\text{mA}$
VIEWING ANGLE			24		2x theta	
EMITTED COLOR:	GREEN/YELLOW					
EPOXY LENS FINISH:	WATER CLEAR					

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT* (G/Y)	150	mA
STEADY CURRENT (G/Y)	25/30	mA
POWER DISSIPATION (G/Y)	100/75	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY	3	SEC. MAX

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

NOTES:

1. SSL-LX5099UPGSYC LED.

*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



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T-5mm (T-1 3/4) RIGHT ANGLE FAULT INDICATOR 515nm GREEN/590nm YELLOW BICOLOR LED, WATER CLEAR.

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

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DATE:	03.29.10	DRAWN BY:	JN
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	N/A	APRVD BY:	SS
UNIT:	mm [INCH]		(R)