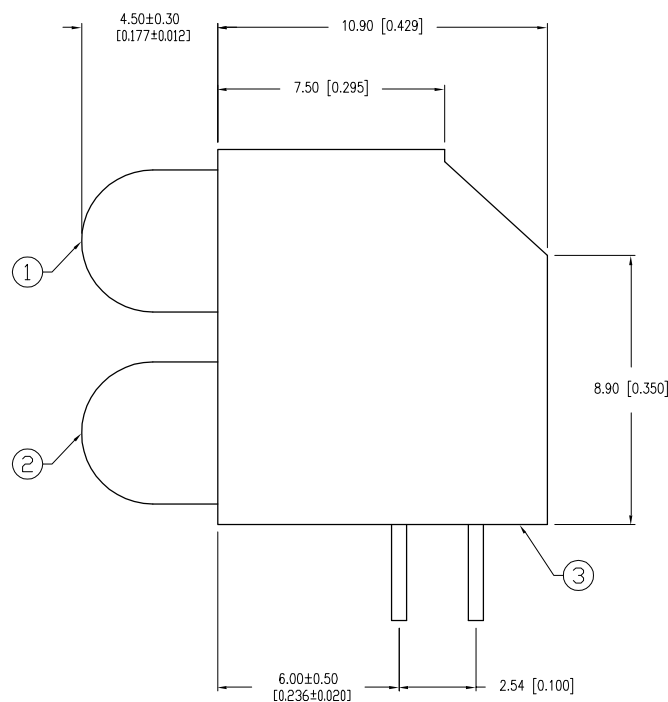
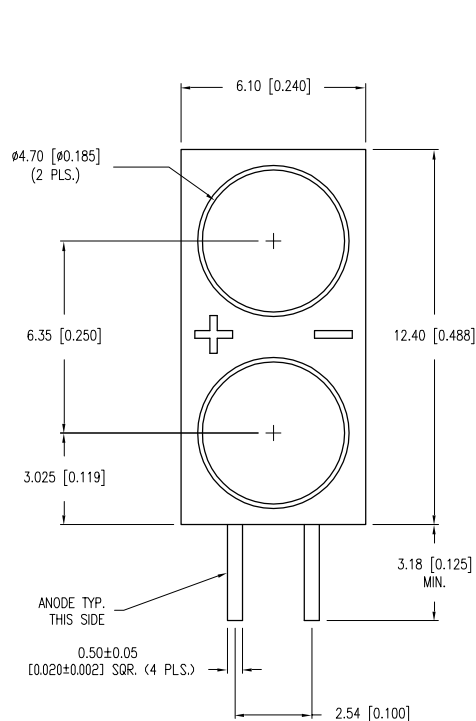


ELECTRO-OPTICAL CHARACTERISTICS $T_A = 25^\circ\text{C}$ $I_f = 20\text{mA}$

PARAMETER	GREEN	YELLOW	UNITS	TEST COND
PEAK WAVELENGTH	565	585	nm	
FORWARD VOLTAGE (TYP.)	2.2	2.1	nm	
FORWARD VOLTAGE (MAX.)	2.6	2.5	V_f	
REVERSE VOLTAGE (TYP.)	5.0	5.0	V_r	$I_r = 100\mu\text{A}$
AXIAL INTENSITY (TYP.)	30	30	mcd	$I_f = 20\text{mA}$
AXIAL INTENSITY (MIN.)	1.0	1.0	mcd	$I_f = 2\text{mA}$
VIEWING ANGLE	60	60	2x theta	
LED POSITION:	1	2		
EPOXY LENS FINISH: DIFFUSED SAME AS EMITTED COLOR				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT (G/Y)	25/30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	- 1.2	mW/ $^\circ\text{C}$
OPERATING TEMP.	- 40 TO +85	$^\circ\text{C}$
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-LX509F3LGD, GREEN LED.
2. SSL-LX509F3LYD, YELLOW LED.
3. SSH-LXH250, BLACK HOLDER.

*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= $\frac{+ \text{DECIMAL PRECISION}}{-0.00}$ MAX= $\frac{+0.00}{- \text{DECIMAL PRECISION}}$



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T-5mm (T-1 3/4) LED RIGHT ANGLE FAULT INDICATOR, DUEL POSITION LED.

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

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DATE:	05.28.10	DRAWN BY:	JH
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	N/A	APRVD BY:	BC
UNIT:	mm [INCH]		(P)

UNCONTROLLED DOCUMENT