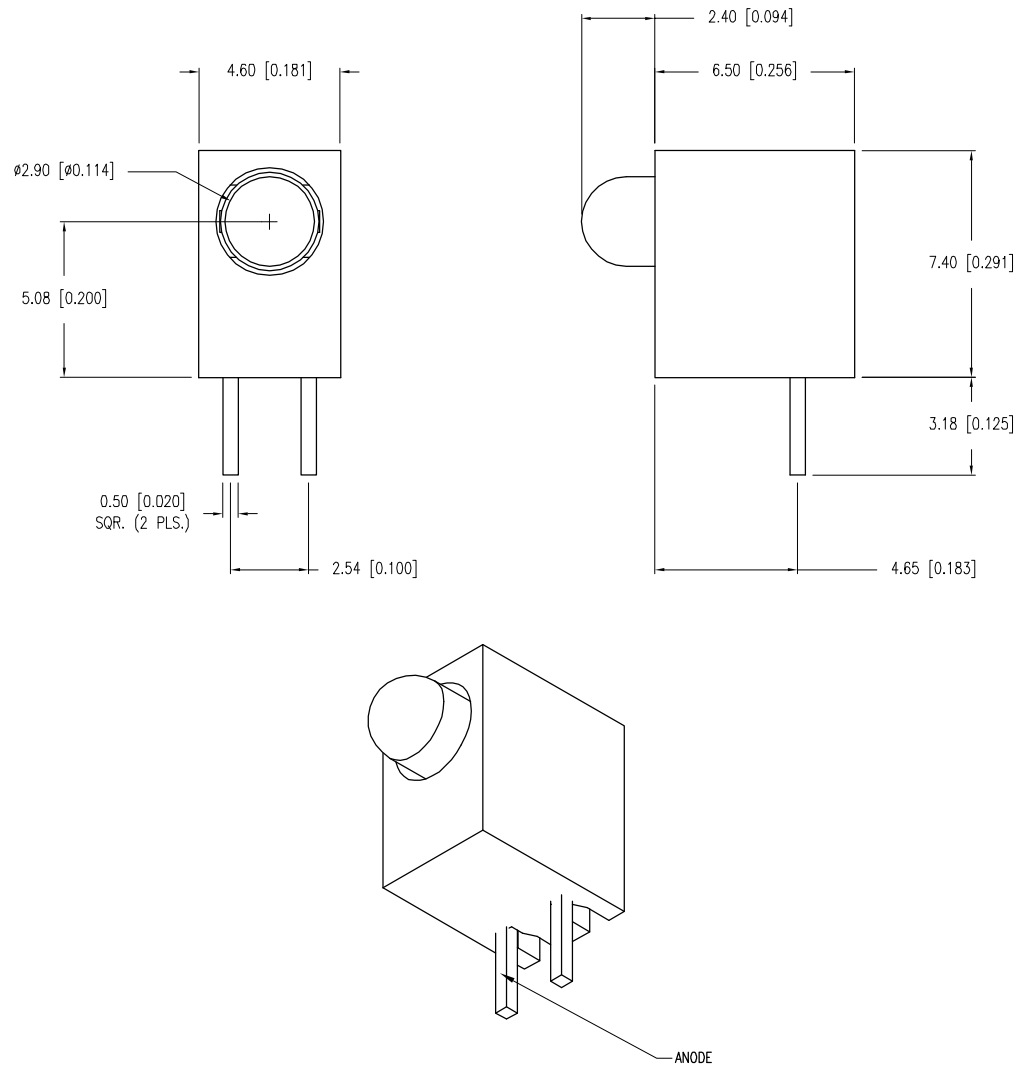


ELECTRO-OPTICAL CHARACTERISTICS $T_A = 25^\circ\text{C}$ $I_f = 20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		430		nm	
FORWARD VOLTAGE		3.8	4.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f = 100\mu\text{A}$
AXIAL INTENSITY		50		mcd	$I_f = 20\text{mA}$
VIEWING ANGLE		30		$2 \times \theta$	
EMITTED COLOR:	BLUE				
EPOXY LENS FINISH:	BLUE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.6	$\text{mW}/^\circ\text{C}$
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:

- SSH-LXH103 HOLDER.
- SSL-LX3044SBD/A 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= -0.00 DECIMAL PRECISION MAX= +0.00 DECIMAL PRECISION UNCONTROLLED DOCUMENT