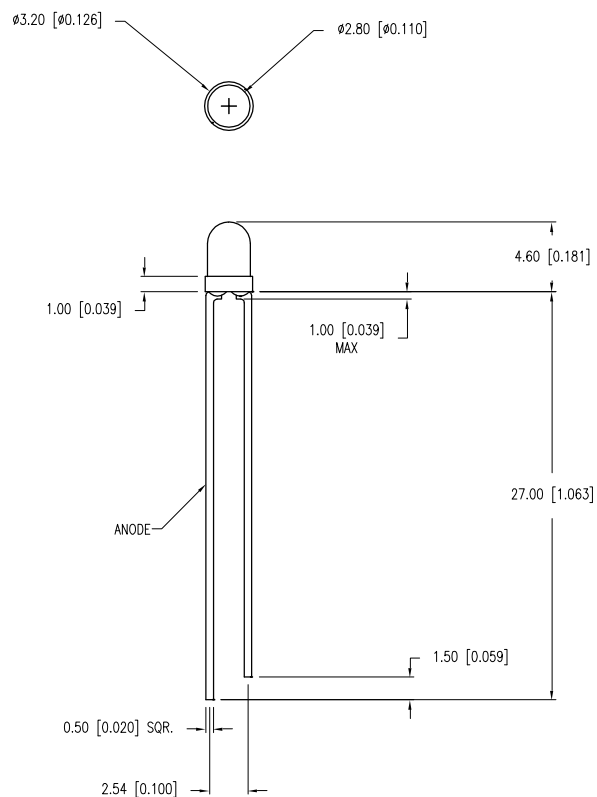


PART NUMBER	SLX-LX3044HD	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV
05.08.07	E.C.N. #11148.		A

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		695		nm	
FORWARD VOLTAGE		2.0	2.8	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f = 100\mu\text{A}$
AXIAL INTENSITY		6		mcd	$I_f = 20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	120	mW
DERATE FROM 25°C	-1.6	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:

- LED LEADS SILVER.
- TOLERANCE ± 0.2 (± 0.08)

*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-3 (T-1) LED, RED DIFFUSED.

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

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DATE: 11.29.96	DRAWN BY: JC
PAGE: 1 OF 1	CHKD BY: JD
SCALE: N/A	APRVD BY: KF
UNIT: mm [INCH]	(R) [A]