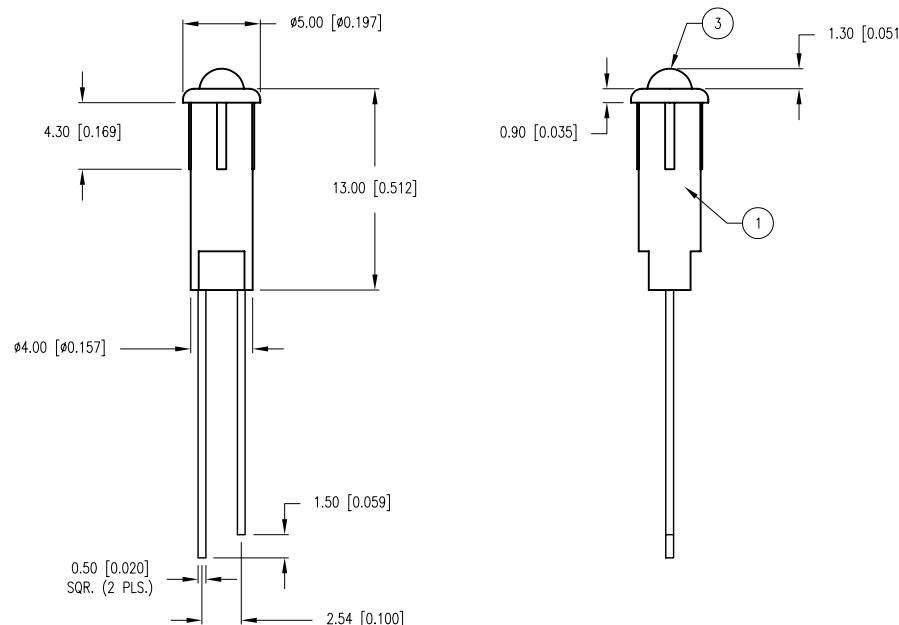


PART NUMBER	SSI-LXH312GD			REV.
DATE	E.C.N. NUMBER AND REVISION COMMENTS			REV.
05.12.95	UPDATED SPECS.			A
06.05.96	UPDATED SPECS.			B
09.21.11	E.C.N. #10BRDR. & REDRAWN.			C



ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^\circ C$ $If=20mA$				
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH	565			nm
FORWARD VOLTAGE		2.2	2.6	Vf
REVERSE VOLTAGE	5.0			Vr
AXIAL INTENSITY	30			mcd
VIEWING ANGLE	60			2x theta
EMITTED COLOR:	GREEN			
EOXY LENS FINISH:	GREEN DIFFUSED			

LIMITS OF SAFE OPERATION AT $25^\circ C$		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM $25^\circ C$	-1.2	mW/ $^{\circ}C$
OPERATING TEMP.	-40 TO +85	$^{\circ}C$
STORAGE TEMP.	-40 TO +85	$^{\circ}C$
SOLDERING TEMP.	+260	$^{\circ}C$
2.0mm FROM BODY	3	SEC. MAX.

* $t < 10\mu S$

NOTES:

1. SSH-LXH3121 HOLDER. MATERIAL: BLACK NYLON 94V-0.
2. MOUNTING HOLE: .170 - .174" DIA.
3. SSL-LX3044GD LED.
4. UV ADHESIVE FOR RETENTION OF LED.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $X = \pm 1$ (± 0.039), $X.X = \pm 0.5$ (± 0.020), $X.XX = \pm 0.25$ (± 0.010), $X.XXX = \pm 0.127$ (± 0.005). LEAD SIZE = ± 0.05 (± 0.002), LEAD LENGTH = ± 0.75 (± 0.030). MIN = $^{+0.00}$ MAX = $^{+0.00}$

UNCONTROLLED DOCUMENT



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T-3 (T-1) LED, PANEL INDICATOR, GREEN DIFFUSED.

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

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DATE: 09.21.11	DRAWN BY: AB
PAGE: 1 OF 1	CHKD BY: KF
SCALE: NTS	APRVD BY: SS
UNIT: mm [INCH]	INCH

Mouser Electronics

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