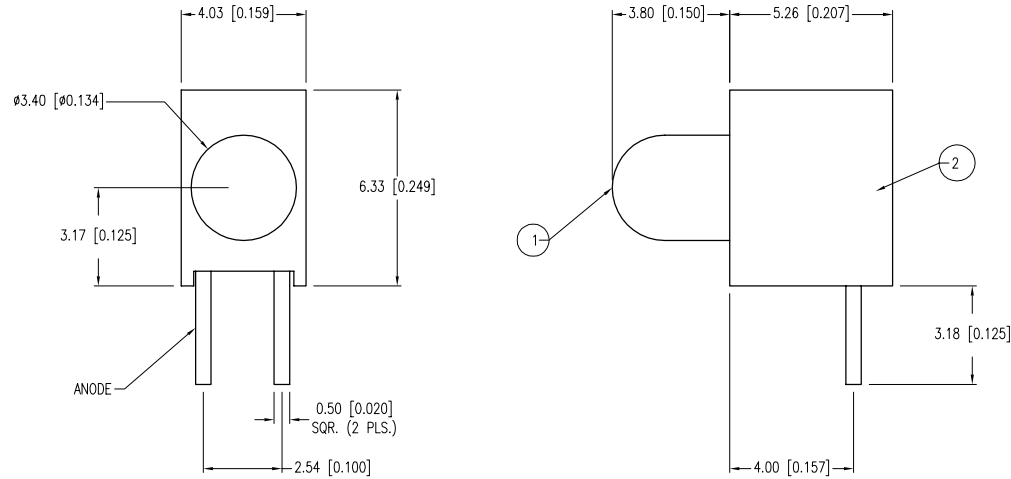


PART NUMBER	SSF-LXH303LGD-04	REV.	G
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
11.03.92	UPDATED ELECT. SPECS.		A
11.04.92	EDITED DIMS.		B
12.08.93	CHG'D LEAD LENGTH.		C
12.16.93	REMOVED MAX FROM DIMS.		D
10.12.94	UPDATED SAFE OPER. SPECS./		E
09.02.98	E.C.N. #10BRDR. & REDRAWN.		F
06.23.11	E.C.N. #10BRDR.		G



ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^\circ\text{C}$ $I_f=20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	UNITS
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	Vr	
REVERSE VOLTAGE	5.0			Vr	$I_r=100\mu\text{A}$
AXIAL INTENSITY		30		mcd	$I_f=20\text{mA}$
	1.0			mcd	$I_f=2\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN				$^\circ\text{C}$
EPOXY LENS FINISH:	GREEN DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.6	$\text{mW}/^\circ\text{C}$
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:

- SSL-LX306F4LGD, LOW CURRENT GREEN LED.
- SSH-LXH303 HOLDER, BLACK NYLON, UL 94V-0.

*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= $^{+0.00}$ / $^{-0.00}$ DECIMAL PRECISION MAX= $^{+0.00}$ / $^{-0.00}$ DECIMAL PRECISION

LUMEX
 Creating LED and LCD Solutions Together™
 290 E. HELEN ROAD
 PALATINE, IL 60067-6976
 PHONE: +1.847.359.2790
 FAX: +1.847.359.6538
 WEB: WWW.LUMEX.COM

T-3mm (T-1) LED FAULT INDICATOR, 5G5nm GREEN LED, GREEN DIFFUSED LENS, LOW CURRENT.
 THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.
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DATE:	06.23.11	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	SS
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		(Pb)