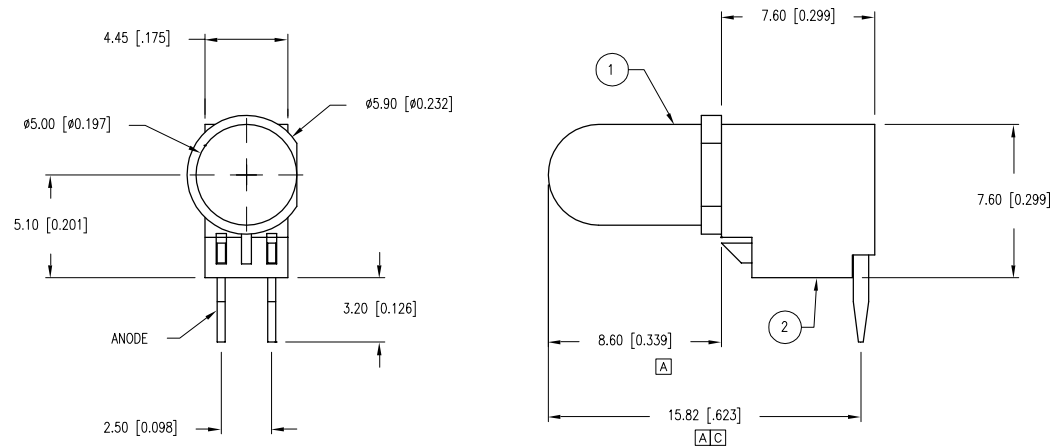


PART NUMBER	SSF-LXH4RA5GD	REV.	C
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV
07.20.93	CHANGED DIMENSIONS WHERE NOTED		A
05.04.95	UPDATED SAFE OP. SPECS., ADDED CTR. LINE DIM.		B
07.05.95	UPDATED WHERE NOTED		C



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$				
PARAMETER	MIN	TYP	MAX	UNITS TEST COND
PEAK WAVELENGTH		565		nm
FORWARD VOLTAGE		2.1	2.8	V_f
REVERSE VOLTAGE	5.0			V_r $I_f=100\mu\text{A}$
AXIAL INTENSITY		30		mcd $I_f=20\text{mA}$
VIEWING ANGLE		60		$2x$ theta
EMITTED COLOR: GREEN				
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	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC. MAX

* $t < 10\mu\text{s}$

- NOTES:
1. SSL-LX5093GD LED.
 2. IFS-LX4FRA-1 LAMP SOCKET.
 3. CUT LED LEADS 5mm LONG.
 4. ASSEMBLE IN SOCKET, POLARITY AS SHOWN.

*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 UNCONTROLLED DOCUMENT



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T-1 3/4 LAMP, GREEN FAULT INDICATOR

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

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DATE:	04.15.93	DRAWN BY:	JH
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	N/A	APRVD BY:	SS
UNIT:	mm [INCH]		(R)