

DATE	REVISIONS	REV
3-4-97	E.C.N. #10318./	A
10-9-97	E.C.N. #10BRDR./	B

DRAWING NUMBER
SSF-LXH5147GD

REV
B

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm	
FORWARD VOLTAGE		2.1	2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f = 10\mu\text{A}$
AXIAL INTENSITY		15		md	$I_f = 20\text{mA}$
VIEWING ANGLE		70		$2 \times \theta$	
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/ $^\circ\text{C}$
OPERATING, STORAGE TEMP	-40 TO +85	$^\circ\text{C}$
LEAD SOLDERING TEMP	+260	$^\circ\text{C}$
2.0mm FROM BODY	3 SEC. MAX	

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

B.O.M.

- SSH-LXH5147 HOLDER, BLACK
- SSL-LX20333GD LED, (4 PCS.)

RELIABILITY NOTE

OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.

®

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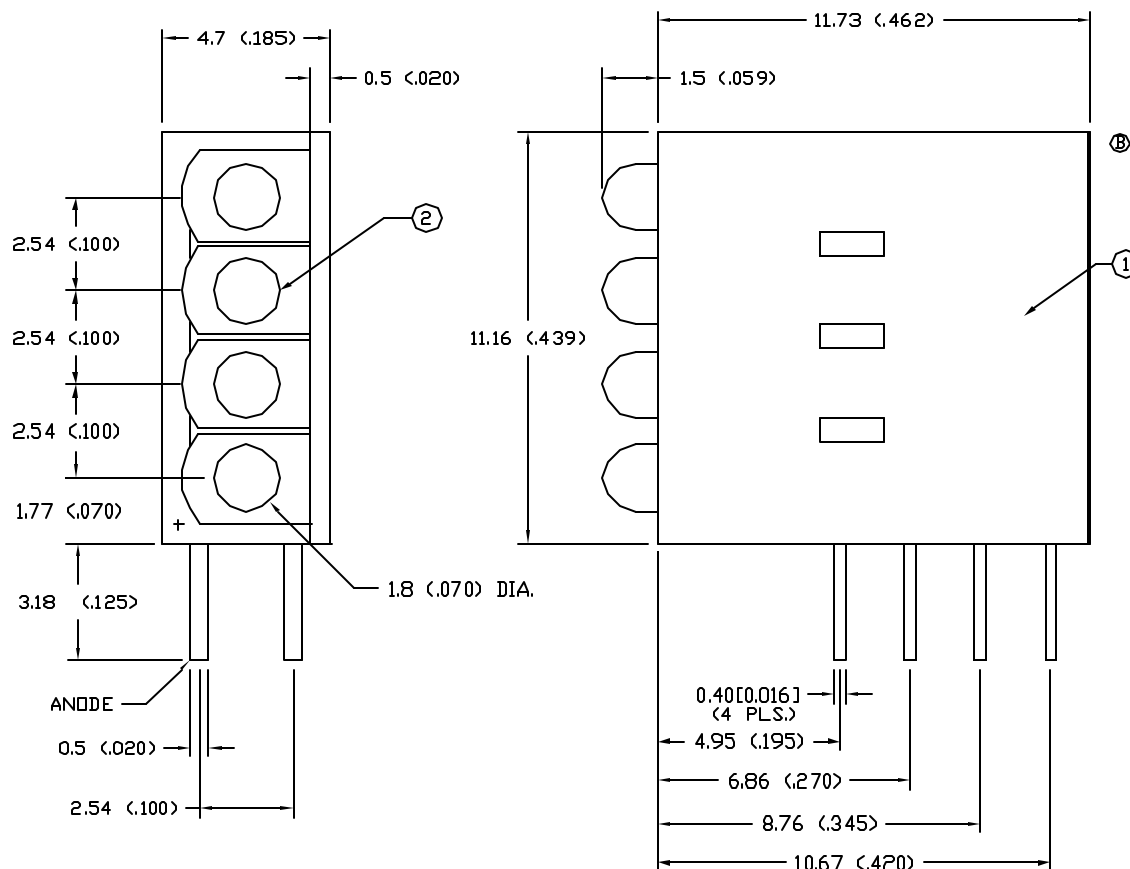
DATE: 1-16-96	DWN:	CHK'D:	APP'D:
SCALE: N/A			

T-1.8mm LED, RIGHT ANGLE QUAD TOWER FAULT INDICATOR,
GREEN DIFFUSED

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UNLESS OTHERWISE SPECIFIED TOLERANCE IS $\pm 0.25\text{mm}$ ($\pm 0.010"$)

MS/CK



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