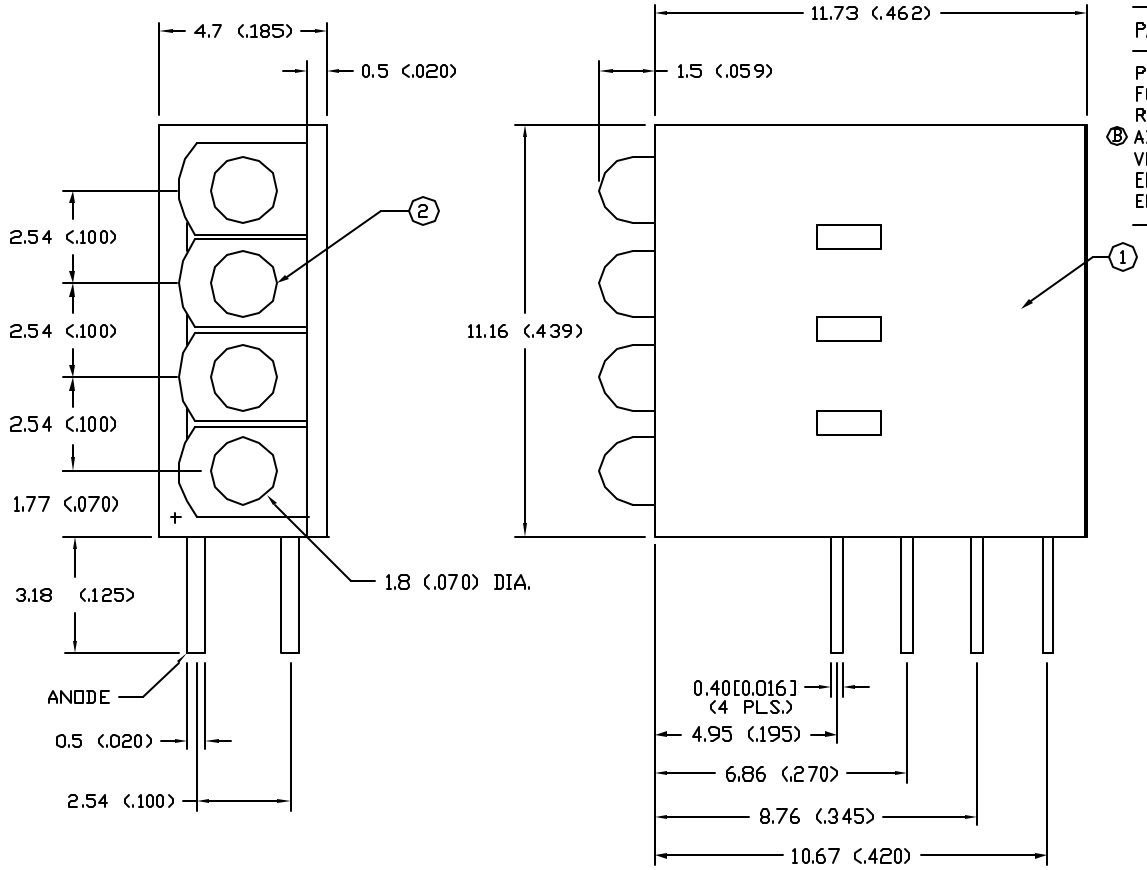
DATE	REVISIONS	REV
3-4-97	E.C.N. #10318./	A
10-9-97	E.C.N. #10BRDR./	B

DRAWING NUMBER SSF-LXH5147GD REV B



ELECTRO-OPTICAL CHARACTERISTICS $T_A = 25°C$ $I_f = 20mA$

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	$I_r = 10uA$
Ⓑ AXIAL INTENSITY		15		mcd	$I_f = 20mA$
VIEWING ANGLE		70		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
LEAD SOLDERING TEMP 2.0mm FROM BODY	+260	°C 3 SEC. MAX

* t<10uS

B.O.M.

1. SSH-LXH5147 HOLDER, BLACK
2. 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:	APPD:
SCALE: N/A			

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

UNLESS OTHERWISE SPECIFIED TOLERANCE IS ±.25mm (±0.010")

MS/CK

DRAWING NUMBER SSF-LXH5147GD REV B