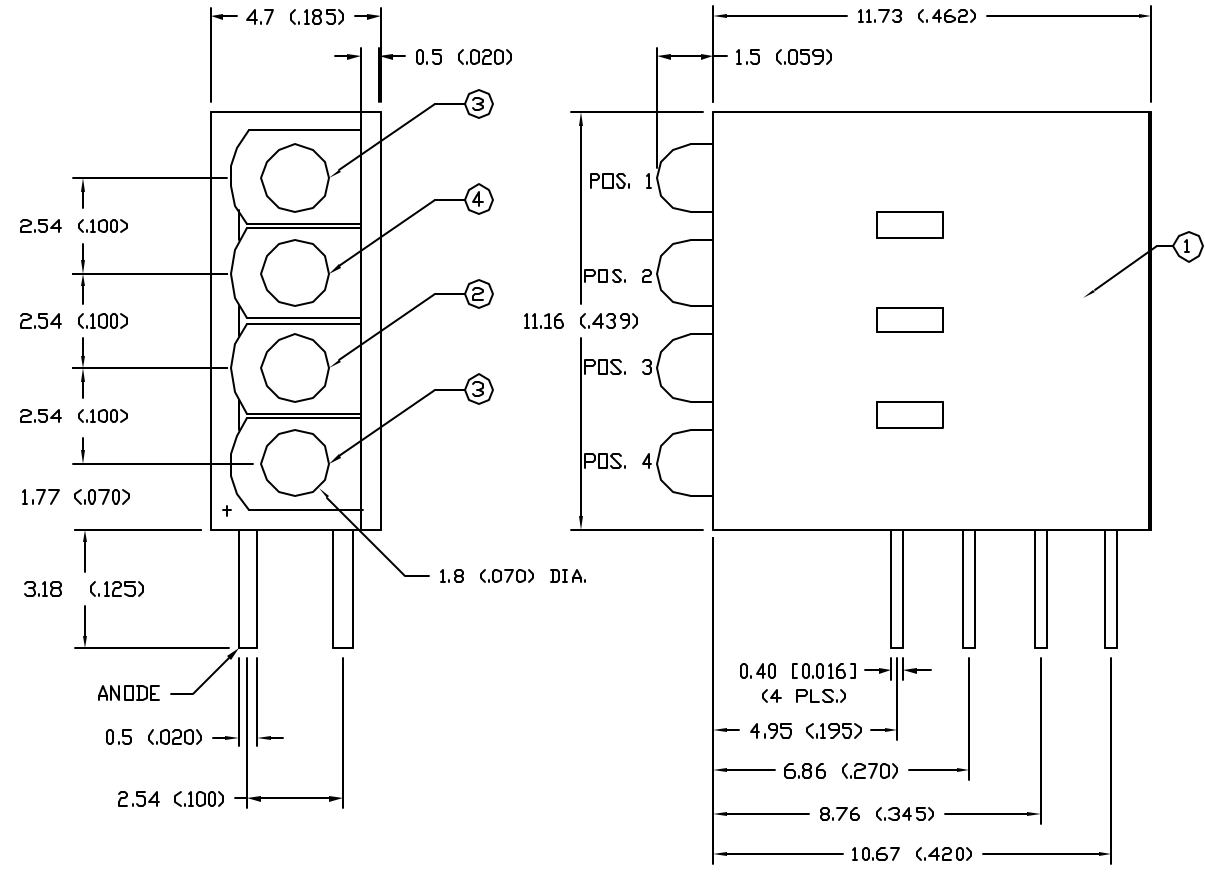


UNCONTROLLED DOCUMENT

PART NUMBER		REV.
SSF-LXH5147GYIGD		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR./	10.9.97



LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT* (G/Y/R)	150	mA
STEADY CURRENT (G/Y/R)	25/30/30	mA
POWER DISSIPATION (G/Y/R)	105	mW
DERATE FROM 25°C	-1.6	mW/°C
OPERATING, STORAGE TEMP	-40 TO +85	°C
LEAD SOLDERING TEMP	+260	°C
2.0mm FROM BODY		3 SEC. MAX

* t < 10uS

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

PARAMETER	RED	YELLOW	GREEN	UNITS
PEAK COLOR WAVELENGTH	635	585	565	nm
Ⓐ FORWARD VOLTS (TYP)	2.0	2.1	2.1	V _f
Ⓐ AXIAL INTENSITY (TYP)	20	15	15	med
REVERSE VOLTS @100uA	5.0	5.0	5.0	V _r MIN
LED POSITION	3	2	1,4	
VIEWING ANGLE	70	70	70	2x theta
EPOXY LENS FINISH	POS. 1-4 DIFFUSED			

B.O.M.

- SSH-LXH5147 HOLDER, BLACK
- SSL-LX20333ID LED.
- SSL-LX20333GD LED, (2 PCS.)
- SSL-LX20333YD LED.

UNCONTROLLED DOCUMENT

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±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

REV.	PART NUMBER
A	SSF-LXH5147GYIGD

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T-1.8mm LED, RIGHT ANGLE QUAD TOWER FAULT INDICATOR,
 GREEN/YELLOW/RED/GREEN DIFFUSED.

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.

DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE:
jc			3.26.97
			PAGE: 1 OF 1
			SCALE: N/A

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