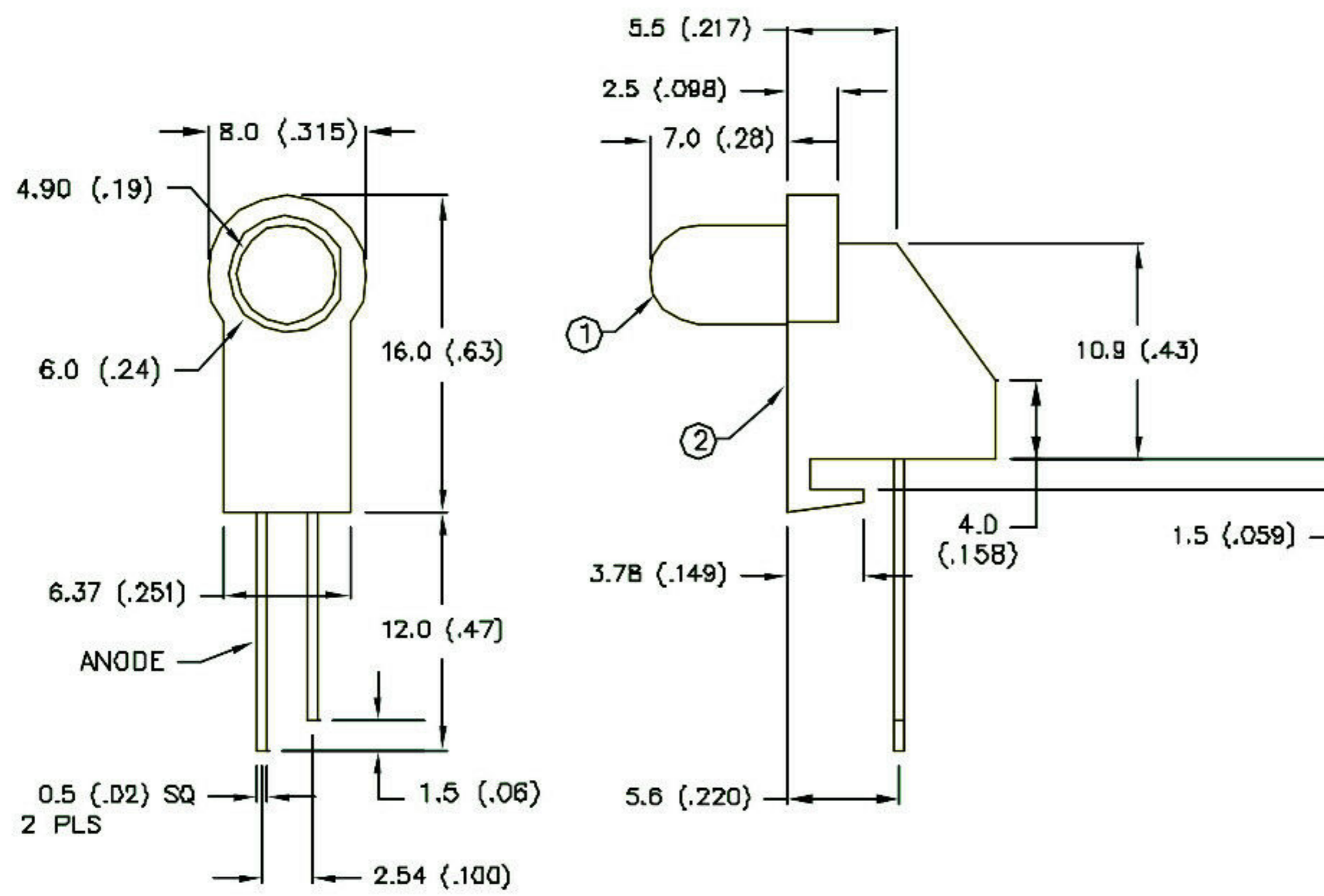


DATE	REVISIONS	REV
5-15-97	E.C.N. #10344./	A

DRAWING NUMBER	REV
SSF-LXH141ID-5V	A



ELECTRO-OPTICAL CHARACTERISTICS $T_A = 25^\circ\text{C}$ $I_f = 12\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
FORWARD VOLTAGE		5.0	7.0	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r = 100\mu\text{A}$
AXIAL INTENSITY		20		mcd	$I_f = 12\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR	RED				
EPOXY LENS FINISH	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	18	mA
POWER DISSIPATION	310	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP	-40 TO +85	°C
LEAD SOLDERING TEMP	+260	°C
2.0mm FROM BODY		3 SEC. MAX

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


BILL OF MATERIALS:

- SSL-LX5093ID-5V LED.
- SSH-LXH141 HOLDER.

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

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.



290 E. HELLEN ROAD
PALATINE, ILLINOIS 60067
(847) 359-2790

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DATE: 12-20-96	DWN:	CHK'D:	APPD:
SCALE: N/A			

T-5mm RIGHT ANGLE FAULT INDICATOR, P.C. EDGE MOUNT
RETAINER, RED DIFFUSED LED, 5V OPERATION

PAGE 1 OF 1	DRAWING NUMBER SSF-LXH141ID-5V	REV A
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10/00