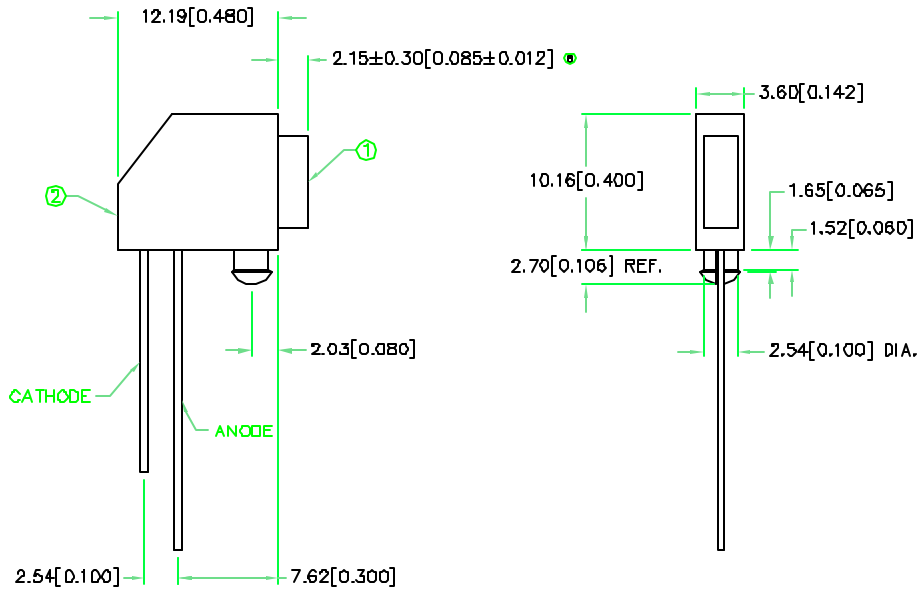


DATE	REVISIONS	REV
2-18-93	REDRAWN./	A
11-3-97	E.C.N. #10BRDR. & #10394./	B

DRAWING NUMBER SSF-LXH25780SRD	REV B
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- NOTES:
- SSL-LX25783SRD LED.
 - SSH-LXH2578D HOLDER, BLACK.

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660 (RED)		nm	
FORWARD VOLTAGE		1.7	2.2	V_f	
REVERSE VOLTAGE	4.0			V_r	$I_r = 100\mu\text{A}$
AXIAL INTENSITY		50		mcad	$I_f = 20\text{mA}$
VIEWING ANGLE		110		$2x$ theta	
EMITTED COLOR:	SUPER RED				
EPOXY LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.2	$\text{mW}/^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP. 2.0mm FROM BODY	+260	$^\circ\text{C}$
		3 SEC. MAX

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

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
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DATE: 2-17-93	DWN:	CHK'D:	APPD:
SCALE: N/A			

2.5mm x 7mm RECTANGULAR, RIGHT ANGLE LED,
SUPER RED DIFFUSED.

PAGE 1 OF 1	DRAWING NUMBER SSF-LXH25780SRD	REV B
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UNLESS OTHERWISE SPECIFIED TOLERANCE IS $\pm 0.25\text{mm}$ ($\pm 0.010"$)