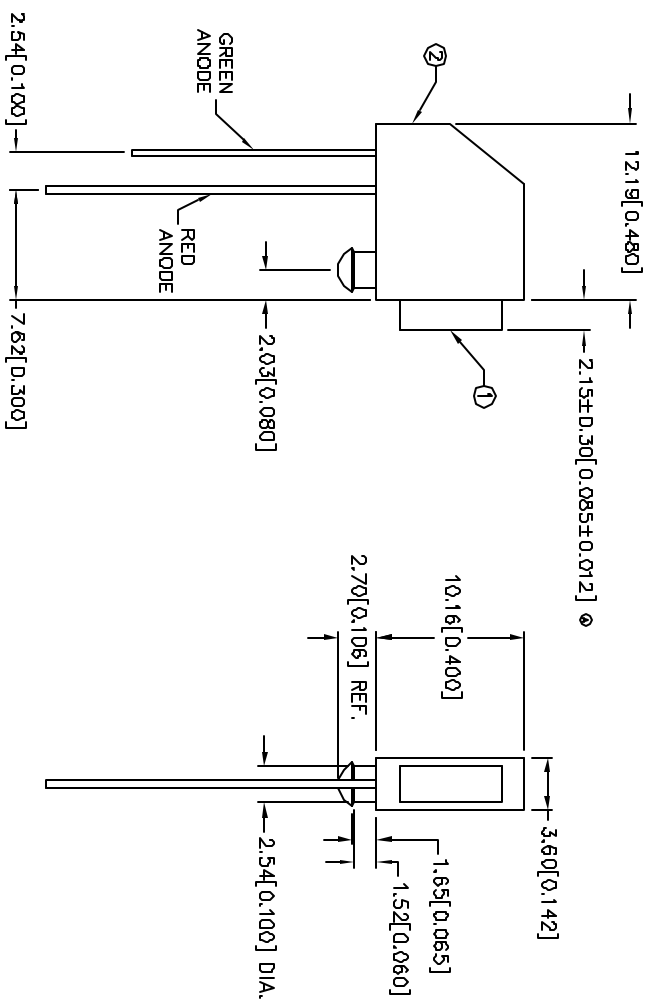


DATE	REVISIONS	REV
11-3-97	E.C.N. #10BRDR. & #10394./	A

DRAWING NUMBER	REV
SSF-LXH25780HGW	A



- NOTES:
1. SSL-LX25783HGW LED.
  2. SSH-LXH25780 HOLDER, BLACK.

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

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		695 (RED)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.6	V <sub>f</sub>	$I_f = 100\mu A$
REVERSE VOLTAGE	5.0			V <sub>r</sub>	
AXIAL INTENSITY (R/G)		2/9		mod	$I_f = 20mA$
VIEWING ANGLE		110		2x theta	
EMITTED COLOR:		RED/GREEN			
EPOXY LENS FINISH:		MILKY WHITE DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION (R/G)	120/105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+280	°C
2.0mm FROM BODY	3 SEC. MAX	

\* t < 10μS

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  
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DATE:	7-13-93	DWN:	CHK'D:	APP'D:
SCALE:	N/A			

2.5mm x 7mm RECTANGULAR, RIGHT ANGLE LED,  
 MILKY WHITE DIFFUSED, BICOLOR, RED/GREEN.

PAGE	1	OF	1	DRAWING NUMBER	REV
				SSF-LXH25780HGW	A