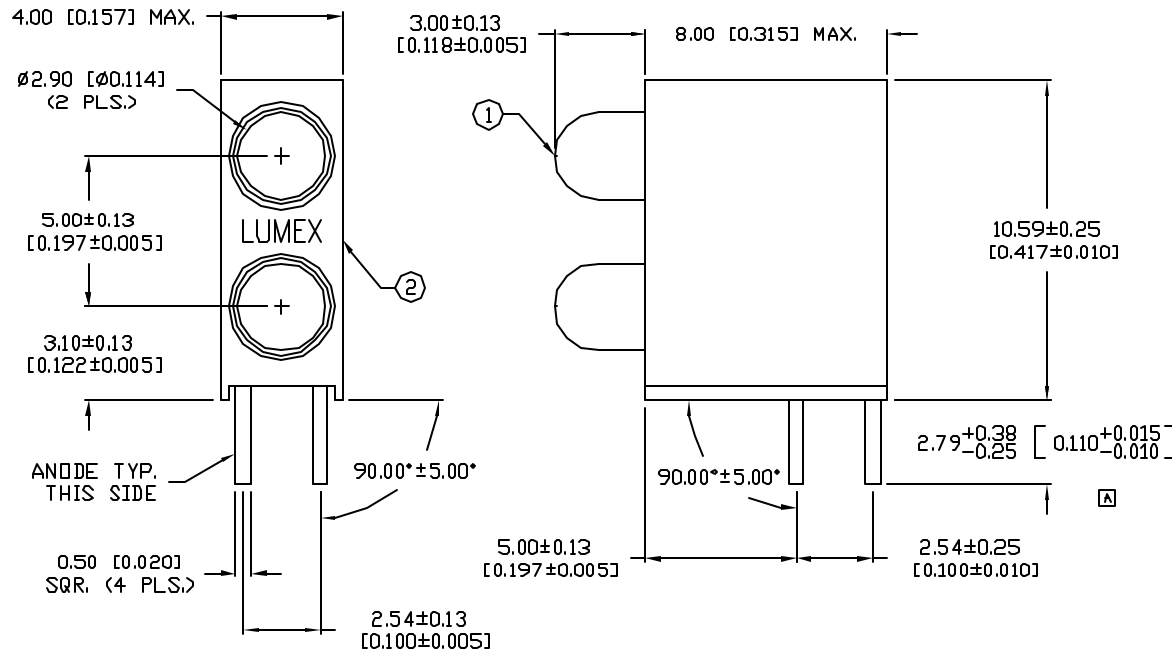


PART NUMBER  
SSF-LXH241LHHD

REV.  
A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10458./	9-4-98



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		700 (RED)		nm	
FORWARD VOLTAGE		2.0	2.5	V <sub>f</sub>	
REVERSE VOLTAGE	5.0			V <sub>r</sub>	I <sub>f</sub> =100μA
AXIAL INTENSITY		10		mcd	I <sub>f</sub> =20mA
		0.8		mcd	I <sub>f</sub> =2mA
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	25	mA
POWER DISSIPATION	120	mW
DERATE FROM 25°C	-1.6	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

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

NOTES:

- SSL-LX3044LHD LED, LOW CURRENT RED.
- SSH-LXH241 HOLDER, MATERIAL: BLACK NYLON 94V-0.

\*UNLESS OTHERWISE SPECIFIED TOLERANCE IS  $\pm 0.25\text{mm}$  ( $\pm 0.010''$ )

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T-3mm (T-1) LED, DUAL RIGHT ANGLE FAULT INDICATOR,  
2-LOW CURRENT 700nm RED LEDS, RED DIFFUSED LENS.

**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: SS/BC	CHECKED BY:	APPROVED BY:	DATE: 8-21-98
			PAGE: 1 OF 1
			SCALE: N/A