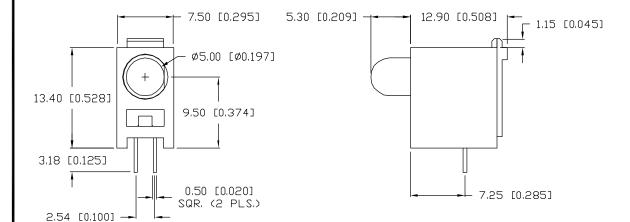
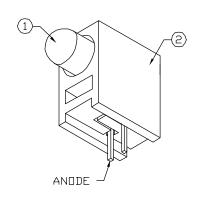
UNCONTROLLED DOCUMENT





PART NUMBER SSF-LXH140LID

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE		
Α	CHG'D LEAD LENGTH.	10.20.93		
В	B UPDATED SPECS.			
С	E.C.N. #10260.	10.14.96		
П	FCN #10BRDR & REDRAWN IN 3D	5 15 02		

ELECTRO-OPTICAL CH	ARACTERIS	TICS TA=25	i'C	I _f =20mA	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.0	2.5	۷f	
REVERSE VOLTAGE	5.0			V_{r}	1r=100µA
AXIAL INTENSITY		40		mcd	$I_f = 20 \text{mA}$
	1.0			mcd	$I_f = 2mA$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFF	FUSED			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	- 40 TO +85	•C
SOLDERING TEMP.	+ 260	°C
2.0mm FROM BODY		3 SEC. MAX
* 1.410 C		

^{*} t<10µS

NOTES:

- 1. SSL-LX5093LID, RED LED.
- 2. SSH-LXH140, BLACK HOLDER.

REV. PART NUMBER SSF-LXH140LID T-5mm LED, SNAP-IN FAULT INDICATOR,

635nm RED DIFFUSED LED, LOW CURRENT.

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INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

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.



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DRAWN BY:

CHECKED BY: APPROVED BY: DATE:

3.4.93 PAGE: 1 OF 1 SCALE: N/A