UNCONTROLLED DOCUMENT

8.33 [0.328]

3.35 [0.132]

ANDDE

0.50 [0.020]

SQR. (2 PLS.)

PART N	IUMBER
SSI-LXI	H387YD

REV.

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
Α	E.C.N. #10BRDR. & REDRAWN.	8.2.01

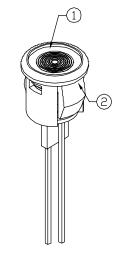
ø9.00 [ø0.354] —	ø7.20 [ø0.283]
))
ø5.00 [ø0.197]	

3.78 [0.149]

5.00 [0.197]

2.54 [0.100]

13.33 [0.525]



ELECTRO-OPTICAL C	HARACTERIS	STICS TA=25°C	;	$I_f = 20mA$	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585		nm	
FORWARD VOLTAGE		2.1	2.5	٧f	
REVERSE VOLTAGE	5.0			V_r	1 _r =100,uA
AXIAL INTENSITY		10		mcd	$I_f = 20 \text{mA}$
VIEWING ANGLE		120		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	YELLOW	DIFFUSED			

		LIMITS	OF	SAFE	OPERATION	ΑT	25°C
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PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	110	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
* 1/100		

* t<10µS

NOTES:

- 1. SSL-LX433YD LED.
- 2. HOLDER: LXP-SSI-387BSH, LXP-SSI-387BZL.
- 3. PANEL HOLE CUT OUT: 5/16" DIAMETER.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +0.00 — DECIMAL PRECISION MAX. = +0.00 — DECIMAL PRECISION MA

REV. PART NUMBER
A SSI-LXH387YD

T-5 FRESNEL LENS PANEL MOUNT INDICATOR, 585nm YELLOW LED, YELLOW DIFFUSED LENS.

CONFIDENTIAL INFORMATION
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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.



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PAGE: 1 OF 1
SCALE: N/A