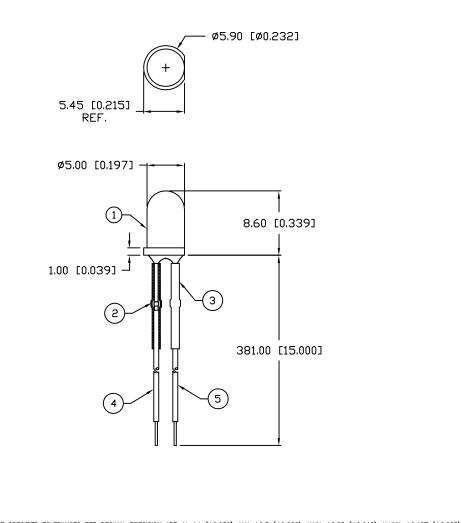
UNCONTROLLED DOCUMENT

PART NUMBER SSI-LX5093LYD-380



ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA						
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND	
PEAK WAVELENGTH	Ę	585 (YELLOW	')	nm		
FORWARD VOLTAGE		2.1	2.5	٧f		
REVERSE VOLTAGE	5.0			۷r	µ_100µA	
AXIAL INTENSITY		30		mcd	lf=20mA	
	1.0			mcd	lf=2mA	
VIEWING ANGLE		60		2x theta		
EMITTED COLOR:	YELLOW					
EPOXY LENS FINISH:	YELLOW	DIFFUSED				

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	. С	
2.0mm FROM BODY		3 SEC. MAX	
* t<10µS			

NOTES:

- 1. SSL-LX5093LYD LED, CUT LEADS AT 5mm.
- 2. CRIMP LEAD WIRES TO CUT LED LEADS.
- HEAT SHRINK INSULATION, 1/16" X 13mm (2 PIECES).
 ANODE: LXP-WST24RDTOC, CUT AT 385mm, STRIP 3mm & 9.5mm.
- 5. CATHODE: LXP-WST24BLTOC, CUT AT 385mm, STRIP 3mm & 9.5mm.

*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 (±0.02), LEAD LENGTH=±0.75 (±0.030). MIN = DECIMAL PRECISION MAX.= +0.00 -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 (±0.020), LEAD LENGTH=±0.75 (±0.030). MIN = DECIMAL PRECISION MAX.= +0.00 -DECIMAL PRECISION							
REV.	part number SSI-LX5093LYD-380	CONFIDENTIAL INFORMATION THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONTIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION OF ALL THRO PARTIES.		PALA PHO US	E. HELEN ROAD ATINE, IL 60067-6976 NE: +1.847.359.2790 WEB: www.lumex.com WEB: www.lumex.com.tw		
	T-5mm (T-1 3/4) LED, YELLOW DIFFUSED LED, WITH 15" WIRE LEADS, LOW CURRENT SELECTION.	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: MF/BC		APPROVED BY: DATE: 6.22.99 PAGE: 1 OF 1 SCALE: N/A		

REV.

Mouser Electronics

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