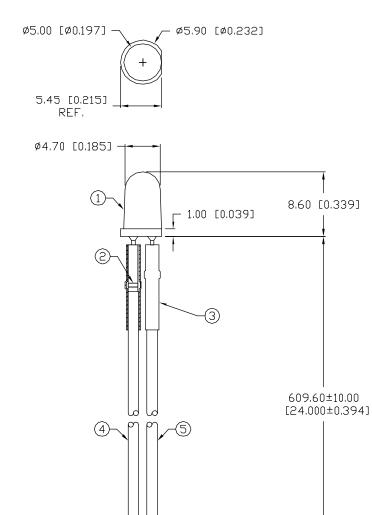
UNCONTROLLED DOCUMENT



9.50 [0.374]

part number SSI-LX5093XSIC-610

ELECTRO-OPTICAL CH	ARACTERIS	STICS TA=25'	С	l f = 20mA	
PARAMETER	MIN	TYP	МАХ	UNITS	TEST COND
PEAK WAVELENGTH		636		nm	
FORWARD VOLTAGE		2.0	2.5	Vf	
REVERSE VOLTAGE	5.0			۷r	l _r =100,µA
AXIAL INTENSITY		2500		mcd	$I_{f} = 20 \text{mA}$
VIEWING ANGLE		10		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	WATER	CLEAR			

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	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

* t<10µS

NOTES:

1. SSL-LX5093XSIC LED. TRIM LEADS TO 5mm.

2. CRIMP LEAD WIRES TO LED LEADS (2 PCS.).

3. HEAT SHRINK INSULATION, 12.5mm IN LENGTH (2 PCS.).

4. ANODE: LXP-WST24RDTOC, CUT AT 605mm, STRIP 4mm & 9.5mm.

5. CATHODE: LXP-WST24BLTOC, CUT AT 605mm, STRIP 4mm & 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 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= $\frac{+DECIMAL}{-DECIMAL}$ PRECISION MAX = $\frac{+0.00}{-DECIMAL}$ PRECISION						
REV.	part number SSI-LX5093XSIC-610	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 CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.	We Jame Photope to Wor	290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 US WEB: www.lumex.com TW WEB: www.lumex.com.tw		
T–	5mm 636nm AllnGaP RED LED, WATER CLEAR LENS, WITH 24" WIRE LEADS.	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: ct	CHECKED BY: APPROVED BY: DATE: 5.13.03 PAGE: 1 OF 1 SCALE: N/A		

REV.

Mouser Electronics

Authorized Distributor

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