



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH				nm	
FORWARD VOLTAGE	2.8		3.6	Vf	If=20mA
REVERSE VOLTAGE	5.0			Vr	Ir=10μA
LUMINOUS INTENSITY*	18000		36000	mcd	If=20mA
CHROMATICITY (X)		0.29			If=20mA
COORDINATES (Y)**		0.28			If=20mA
VIEWING ANGLE		15		2x theta	
EMITTED COLOR:	WHITE				
LENS FINISH:	WATER CLEAR				

\*AXIAL INTENSITY TESTING CONDITION 550nm WAVELENGTH.

\*\*THE ICI STANDARD COLORIMETRIC SYSTEM.

## LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	SYMBOL	MAX	UNITS
PULSE FORWARD CURRENT	Ip	100	mA
STEADY CURRENT	If	30	mA
POWER DISSIPATION	Pd	110	mW
OPERATING TEMP.	ToPR	-40 TO +85	°C
STORAGE TEMP.	Sstg	-40 TO +100	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY		3	SEC.

\*DUTY 1/10 PULSE WIDTH 10ms

CAUTION: STATIC SENSITIVE DEVICE  
FOLLOW PROPER E.S.D. HANDLING PROCEDURES  
WHEN WORKING WITH THIS PART.

\*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= <sup>+DECIMAL PRECISION</sup><sub>-0.00</sub> MAX= <sup>+0.00</sup><sub>-DECIMAL PRECISION</sub>

UNCONTROLLED DOCUMENT

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Lumex:

[SSL-LX5093UWC/H](#)