



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		636		nm	
FORWARD VOLTAGE		2.0	2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY		100		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED 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 TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C

* $t < 10\mu\text{s}$

- NOTES:
- SSL-LX306F4SID, RED LED.
 - SSH-RM3091, BLACK RUBBER HOUSING.
 - ANODE LEAD: LXP-WST26RDTC, 26 AWG STRANDED, RED INSULATION, CUT 160mm LONG, STRIP 2mm & 9.5mm.
 - CATHODE LEAD: LXP-WST26BLTC, 26 AWG STRANDED, BLACK INSULATION, CUT 160mm LONG, STRIP 2mm & 9.5mm.
 - CRIMP OR SOLDER WIRE LEADS TO LEAD LEADS.

*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= ^{+DECIMAL PRECISION} MAX= ^{+0.00} _{-0.00} DECIMAL PRECISION UNCONTROLLED DOCUMENT

LUMEX
 Creating LED and LCD Solutions Together™

290 E. HELEN ROAD
 PALATINE, IL 60067-6976
 PHONE: +1.847.359.2790
 FAX: +1.847.359.6538
 WEB: WWW.LUMEX.COM

T-3mm 636nm AlInGaP RED LED PANEL INDICATOR, RED DIFFUSED LENS, 6" WIRE LEADS.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE:	01.21.02	DRAWN BY:	BC
PAGE:	1 OF 1	CHKD BY:	JD
SCALE:	N/A	APRVD BY:	KF
UNIT:	mm [INCH]		