



NOTES:

- SSL-LX305F4SRD LED. TRIM LEADS TO 5mm
- CRIMP LEAD WIRES TO LED LEADS (2 PCS).
- HEAT SHRINK TUBING, 1/16" x 12.5mm (2 PCS.)  
PUSH HEAT SHRINK UP LEADS TO LED BOTTOM.
- A** ANODE: LXP-WST24RDTOC, CUT AT 100mm, STRIP 4mm & 9.5mm.
- CATHODE: LXP-WST24BLTOC, CUT AT 100mm, STRIP 4mm & 9.5mm.

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660 (RED)		nm	
FORWARD VOLTAGE		1.7	2.2	$V_f$	
REVERSE VOLTAGE	4.0			$V_r$	$I_r = 100\mu\text{A}$
AXIAL INTENSITY		80		mcd	$I_f = 20\text{mA}$
VIEWING ANGLE		80		2x theta	
EMITTED COLOR	RED				
EPOXY LENS FINISH	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT  $25^\circ\text{C}$

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM $25^\circ\text{C}$	-1.3	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP	-40 TO +85	$^\circ\text{C}$
LEAD SOLDERING TEMP	+260	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX

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

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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DATE: 11-15-95	DWN:	CHK'D:	APPD:
SCALE: N/A			

T-3mm LED, PANEL MOUNT INDICATOR,  
SUPER RED DIFFUSED, WITH 4" LEADS