



NOTES:

1. SSH-RM3091, BLACK RUBBER HOLDER.
2. SSL-LX306F410, RED LED, TRIM LEADS TO 4mm.
3. ANODE LEAD: LXP-WST26RDT0C, 26 AWG. STRANDED, RED INSULATED, CUT 310mm LONG, STRIP 9.5mm & 3.0mm.
4. CATHODE LEAD: LXP-WST26BLT0C, 26 AWG. STRANDED, BLACK INSULATED, CUT 310mm LONG, STRIP 9.5mm & 3.0mm.
5. PANEL CUTOUT: 5.08±0.25 [0.200±0.010].
6. PANEL THICKNESS: 1.5mm MAX.

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.0	2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		40		med	$I_f=20\text{mA}$
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	-1.6	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

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

*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= $\begin{matrix} +0.00 \\ -0.00 \end{matrix}$ DECIMAL PRECISION, MAX.= $\begin{matrix} +0.00 \\ -0.00 \end{matrix}$ DECIMAL PRECISION

REV.

PART NUMBER

SSI-RM3091D-300

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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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T-3mm (T-1) PANEL INDICATOR WITH RUBBER HOUSING,
635nm RED LED, RED DIFFUSED LENS, 12" WIRE LEADS.

DRAWN BY:

BC

CHECKED BY:

APPROVED BY:

DATE: 12.19.01

PAGE: 1 OF 1

SCALE: N/A