



ELECTRO-OPTICAL CHARACTERISTICS I<sub>A</sub>=25°C I<sub>F</sub>=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.0	2.5	V <sub>F</sub>	I <sub>F</sub> =100µA
REVERSE VOLTAGE		5.0		V <sub>R</sub>	I <sub>F</sub> =20mA
AXIAL INTENSITY		40		mcd	
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	-1.5	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

\* I<sub>T</sub>I<sub>D</sub>S

- NOTES:
1. SGH-RM3091, BLACK RUBBER HOLDER.
  2. SSL-LX306F4ID, 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 CUTOFF: 5.08±0.25 [0.200±0.010].
  6. PANEL THICKNESS: 1.5mm MAX.

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (+0.039), XX=±0.5 (+0.020), XXX=±0.25 (+0.010), XXXX=±0.127 (+0.005), LEAD SIZE=±0.05 (+0.002), LEAD LENGTH=±0.75 (+0.030), MIN= -0.00, MAX= +0.00, DECIMAL PRECISION

REV.

PART NUMBER

SSI-RM3091ID-300

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

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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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