PART NUMBER	SSI-RM3091SRD-150	REV.	−

Ø5.70 [Ø0.224]
Ø6.75 [Ø0.266]
Ø3.40 [Ø0.134]
Ø4.80 [Ø0.189]

0.90 [0.035]
1.20 [0.047]
1.50 [0.059]
1.45 [0.057]
15.00 [0.591]

152.4 $^{+10.0}_{-0.00}$
[6.000 $^{+0.394}_{-0.000}$]

9.50 [0.374]

PANEL CUTOUT

Ø5.08 [0.200]

1.50 [0.059] MAX.

ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C I_f=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.7	2.2	V_f	
REVERSE VOLTAGE	4.0			V_r	I_r=100uA
AXIAL INTENSITY		60		mcd	I_f=20mA
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	100	mW
DERATE FROM 25°C	−1.2	mW/°C
OPERATING TEMP.	−40 TO +85	°C
STORAGE TEMP.	−40 TO +85	°C

* t<10uS

NOTES:

1. SSL-LX306F4SRD, RED LED.
2. SSH-RM3091, BLACK RUBBER HOUSING.
3. ANODE LEAD: LXP-WST26RDTOC, 26 AWG STRANDED, RED INSULATION, CUT 160mm LONG, STRIP 2mm & 9.5mm.
4. CATHODE LEAD: LXP-WST26BLTOC, 26 AWG STRANDED, BLACK INSULATION, CUT 160mm LONG, STRIP 2mm & 9.5mm.
5. CRIMP OR SOLDER WIRE LEADS TO LED LEADS.
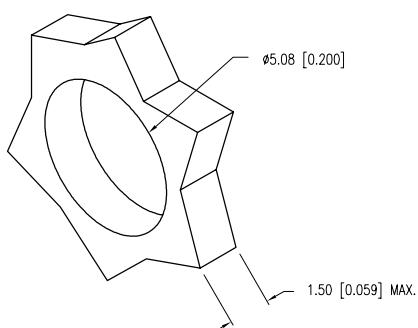
*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005).   LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030).   MIN= $^{+DECIMAL\ PRECISION}_{-0.00}$ MAX.= $^{+0.00}_{-DECIMAL\ PRECISION}$

T-3mm 660nm SUPER 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.

DATE:	01.21.02	DRAWN BY:	BC
PAGE:	1 OF 1	CHKD BY:	JD
SCALE:		APRVD BY:	JD
UNIT:	mm [INCH]		Pb

Mouser Electronics

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