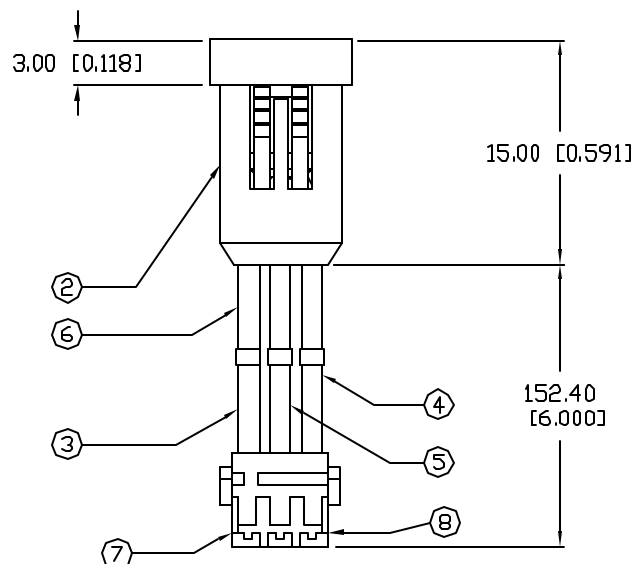


CONNECTOR NEGLECTED FROM TOP VIEW

Datasheet.Directory



PANEL CUTOUT: 8.05mm.
PANEL THICKNESS: 0.6-2.6mm

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	
		574		nm	
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY (R/G)		500/200		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED/GREEN				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(R/G)	30/25	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.2	mW/°C
OPERATING, STORAGE TEMP.		-40 TO +85	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY			3 SEC. MAX

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

NOTES:

- SSL-LX5099SISU6W LED.
- SSH-RTF5020 HOLDER.
- RED ANODE LEAD: LXP-WST24RDT0C CUT 160mm LONG STRIP 3mm AND 9-5mm
- GREEN ANODE LEAD: LXP-WST24GRTOC, CUT 160mm LONG, STRIP 3mm & 5mm.
- CATHODE LEAD: LXP-WSTBLT0C, CUT 160mm LONG, STRIP 3mm & 5mm.
- LXP-HEATSHRINK-2(3 PLS.) 1/16" X 1/2" LONG.
- JST CONNECTOR, PHNR-03-H
- JST CRIMPS, SPH-002T-P0.5L (2 PCS.)

CAUTION: PRESSURE SENSITIVE ASSEMBLY
APPLY PRESSURE TO HOLDER ONLY,
WHEN INSERTING INTO PANEL.

UNCONTROLLED DOCUMENT

*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= ^{+DECIMAL PRECISION} -0.00 ^{MAX= +0.00} -DECIMAL PRECISION

REV.

PART NUMBER

SSI-LXR5020-11575

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T-5mm (T-1 3/4) LED INDICATOR, RED/GREEN BICOLOR, COMMON CATHODE, MILKY WHITE DIFFUSED LENS, 3 LEADED LED AND JST CONNECTOR.

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.

DRAWN BY:

GB

CHECKED BY:

APPROVED BY:

DATE: 4.16.02

PAGE: 1 OF 1

SCALE: N/A