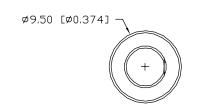
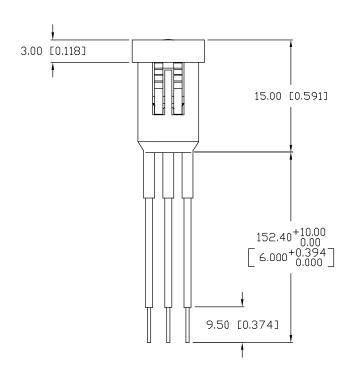
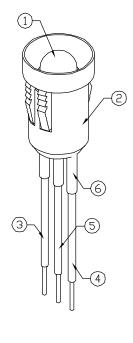
## SSI-LXR5020SISUW31







ELECTRO-OPTICAL	CHARACTERISTICS	T <sub>A</sub> =25°C	$I_{f} = 20$	mA	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		636		пm	
		574		nm	
FORWARD VOLTAGE	(R/G)	2.0/2.2	2.5/2.6	Vf	
REVERSE VOLTAGE	5.0			٧r	1 <sub>r</sub> =100µA
AXIAL INTENSITY	(R/G)	700/200		mcd	lf = 20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED/GREEN				
EPOXY LENS FINISH	H: MILKY WHITE	DIFFUSED			

	LIMITS	0F	SAFE	OPERATION	ΑT	25 <b>°</b> C	PER	CHIP	
DARAMETER		COL APC							

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

<sup>\*</sup> t<10uS

## NOTES:

- 1. SSL-LX5099SISUGW LED.
- 2. SSH-RTF5020 HOLDER.
- 3. RED ANODE LEAD: LXP-WST24RDTOC CUT 160mm LONG, STRIP 3mm & 9.5mm
- 4. GREEN ANODE LEAD: LXP-WST24GRTOC, CUT 160mm LONG, STRIP 3mm & 9.5mm.
- 5. CATHODE LEAD: LXP-WST24BLTOC, CUT 160mm LONG, STRIP 3mm & 9.5mm.
- 6. LXP-HEATSHRINK-2(3 PLS.) 1/16" X 1/2" LONG.

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

CAUTION: PRESSURE SENSITIVE ASSEMBLY AVOID APPLYING PRESSURE TO LED DURING PANEL ASSEMBLY.

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE:  $X=\pm 1$  ( $\pm 0.039$ ),  $X.X=\pm 0.5$  ( $\pm 0.020$ ),  $X.XX=\pm 0.25$  ( $\pm 0.010$ ),  $X.XXX=\pm 0.127$  ( $\pm 0.003$ ). LEAD SIZE= $\pm 0.05$  ( $\pm 0.002$ ), LEAD LENGTH= $\pm 0.75$  ( $\pm 0.030$ ). MIN= $\pm 0.001$  PRECISION MAX= $\pm 0.00$ 

REV.

PART NUMBER

SSI-LXR5020SISUW31

T-5mm (T-1 3/4) LED INDICATOR, RED/GREEN BICOLOR, COMMON CATHODE, MILKY WHITE DIFFUSED LENS, 3 LEADED LED, 6" 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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