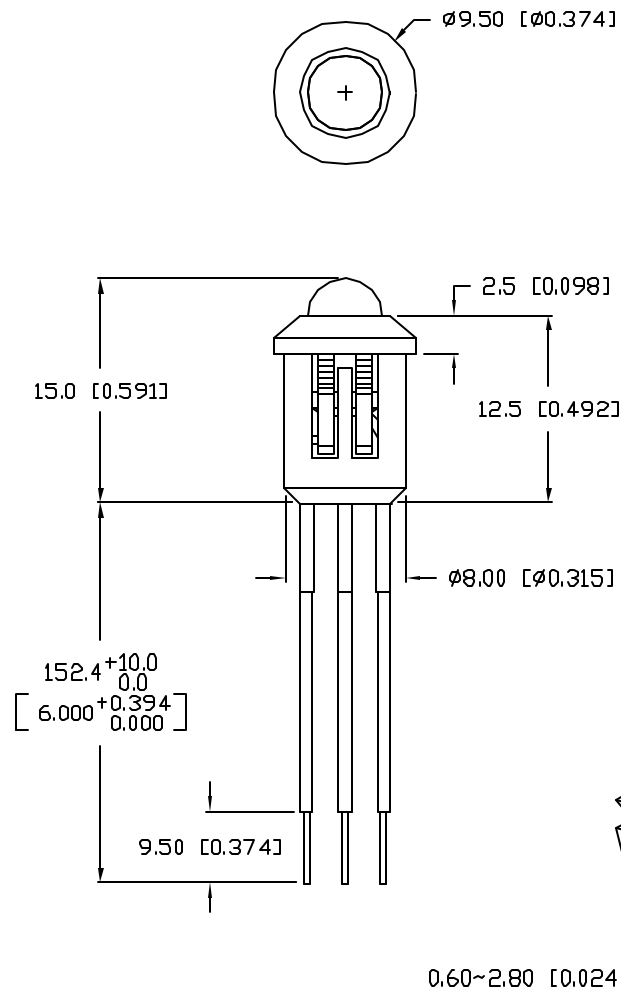
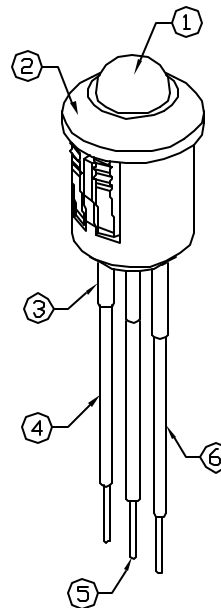
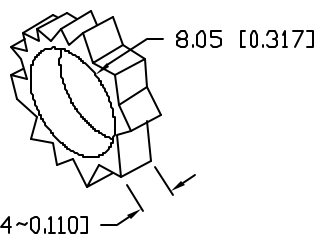


CAUTION: PRESSURE SENSITIVE ASSEMBLY
AVOID APPLYING PRESSURE TO LED
DURING PANEL ASSEMBLY.



PANEL CUTOUT

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $V_f=12\text{V}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		636 (RED)		nm	
		574 (GREEN)		nm	
FORWARD VOLTAGE		5.0	7.0	V_f	
REVERSE VOLTAGE	4.0/5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY (R/G)		100		mcd	$V_f=12\text{V}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED/GREEN				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	7	V
STEADY CURRENT	12	mA
POWER DISSIPATION	310	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX

NOTES:

- SSL-LX5099SISUGW5V, RED/GREEN BICOLOR LED. CUT LEADS TO 5mm.
- SSH-RTF5010 HOLDER.
- LXP-HEATSHRINK-2 (3 PCS.) 1/16" x 1/12".
- RED ANODE: LXP-WST24RDT0C, CUT TO 155mm LONG, TRIM 3mm AND 9.5mm.
- COMMON CATHODE: LXP-WST24BLT0C, CUT TO 155mm LONG, TRIM 3mm AND 9.5mm.
- GREEN ANODE: LXP-WST24GRTOC, CUT TO 155mm LONG, TRIM 3mm AND 9.5mm.

*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=+0.00 PRECISION MAX=+0.00 PRECISION

REV.

PART NUMBER

SSI-R5010SISUG3515

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

CONFIDENTIAL INFORMATION

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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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PAGE: 1 OF 1

SCALE: N/A