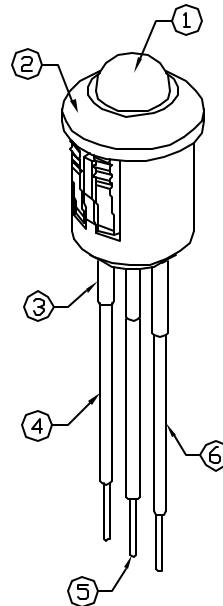
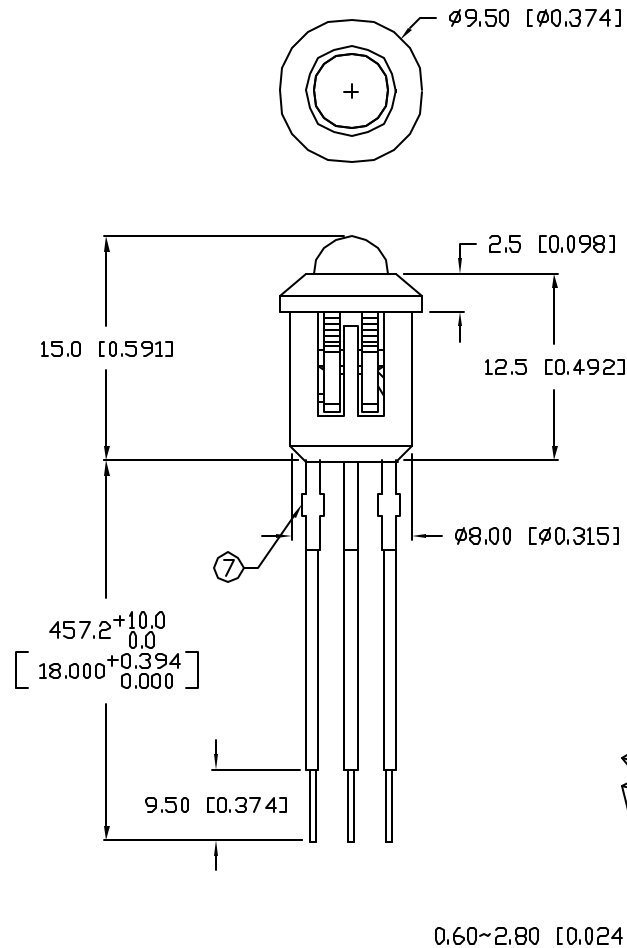


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CAUTION: PRESSURE SENSITIVE ASSEMBLY
AVOID APPLYING PRESSURE TO LED
DURING PANEL ASSEMBLY.



PART NUMBER			REV.
SSI-LXR5010IY34285			C
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE	
A	E.C.N. #10409.	1.28.98	
B	E.C.N. #10BRDR.	6.17.99	
C	E.C.N. #10BRDR. & REDRAWN IN 3D.	1.4.02	

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $V_f=28\text{V}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED) 585 (YELLOW)		nm	
FORWARD VOLTAGE (R/Y)		28.0		V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		20		mcd	$V_f=28\text{V}$
VIEWING ANGLE		60		2θ	
EMITTED COLOR:	RED/YELLOW				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C			
PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(R/Y)	30	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.2	$\text{mW}/^\circ\text{C}$
OPERATING, STORAGE TEMP.		-40 TO +85	$^\circ\text{C}$

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

NOTES:

- SSL-LX5099IYW, RED/YELLOW BICOLOR LED. CUT LEADS TO 5mm.
- SSH-RTF5010 HOLDER.
- LXP-HEATSHRINK-3 (3 PCS.) $3/32" \times 50\text{mm}$.
- RED ANODE: LXP-WST24RDT0C, CUT TO 425mm LONG, TRIM 3mm AND 9.5mm.
- COMMON CATHODE: LXP-WST24BLT0C, CUT TO 465mm LONG, TRIM 3mm AND 9.5mm.
- YELLOW ANODE: LXP-WST24GRT0C, CUT TO 425mm LONG, TRIM 3mm AND 9.5mm.
- LXP-RES 2K OHMS, 1/2W, CUT 22mm-24mm. (2 PCS.)

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*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 DECIMAL PRECISION MAX.=+0.00 DECIMAL PRECISION

REV.	PART NUMBER
C	SSI-LXR5010IY34285

T-5mm (T-1 3/4) TRI-LEADED LED INDICATOR,
WITH 18" WIRE LEADS, RED/YELLOW BICOLOR LED,
MILKY WHITE DIFFUSED LENS, COMMON CATHODE.

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IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

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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