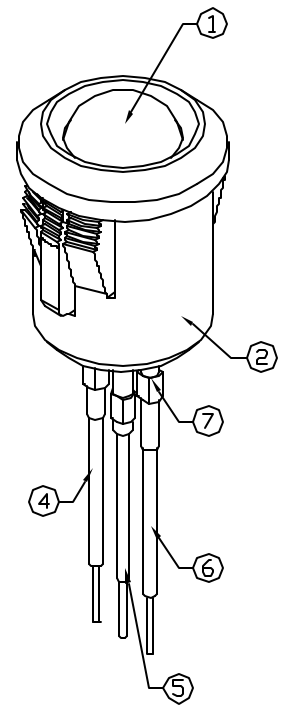
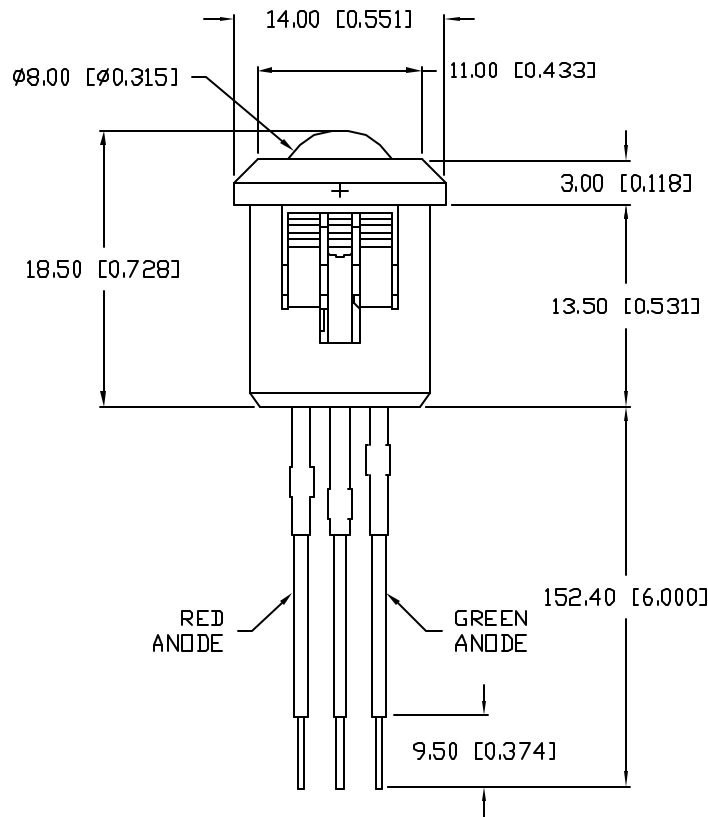


UNCONTROLLED DOCUMENT

PART NUMBER		REV.
SSI-LXH8080-Q8365		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10843.	3.18.02



ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^\circ\text{C}$   $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		636 (RED)		nm	
		574 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		2.0/2.2	2.2/2.5	V <sub>f</sub>	
REVERSE VOLTAGE	5.0			V <sub>r</sub>	I <sub>f</sub> =100 $\mu$ A
AXIAL INTENSITY (R/G)		500/300		mcd	I <sub>f</sub> =20mA
VIEWING ANGLE		50		2x theta	
EMITTED COLOR:	RED/GREEN				
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/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:

1. SSL-LXB0119SISUGW, RED/GREEN BICOLOR LED.
2. SSH-RTF8080, BLACK HOLDER.
3. UV EPOXY TO RETAIN LED IN HOLDER.
4. RED ANODE: LXP-WST24RDT0C, 24 AWG, RED INSULATION. CUT 150mm LONG, STRIP 3mm & 9.5mm.
5. COMMON CATHODE: LXP-WST24BLT0C, 24 AWG, BLACK INSULATION. CUT 150mm LONG, STRIP 3mm & 9.5mm.
6. GREEN ANODE: LXP-WST24GR0C, 24 AWG, GREEN INSULATION. CUT 150mm LONG, STRIP 3mm & 9.5mm.
7. 3 PCS. 32mm 1/16" BLACK HEAT SHRINK TUBING.

UNCONTROLLED DOCUMENT

\*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= <sup>+DECIMAL PRECISION</sup> -0.00 MAX= <sup>+0.00</sup> -DECIMAL PRECISION

REV.	PART NUMBER
A	SSI-LXH8080-Q8365
T-8mm PANEL INDICATOR BICOLOR LED, 636nm AlInGaP RED, 574nm AlInGaP GREEN, MILKY WHITE DIFFUSED LENS, 6" 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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			SCALE: N/A