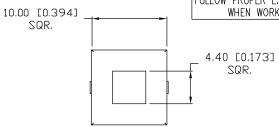
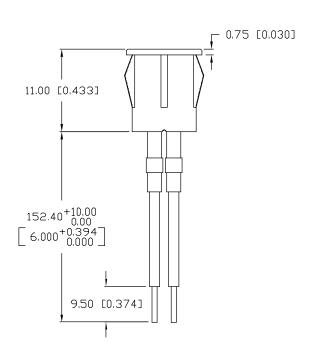
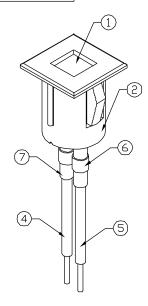
SSI-LXH55USBD-150

CAUTION: STATIC SENSITIVE DEVICE FOLLOW PROPER E.S.D. HANDLING PROCEDURES WHEN WORKING WITH THIS PART.







ELECTRO-OPTICAL CH	ARACTERIS	TICS TA=25°C	:	$I_f = 20mA$	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		470		nm	
FORWARD VOLTAGE		3.5	4.0	Vf	
REVERSE VOLTAGE	5.0			٧r	1 _r =100µA
AXIAL INTENSITY		50		mcd	$I_f = 20 \text{mA}$
VIEWING ANGLE		80		2x theta	
EMITTED COLOR:	BLUE				
EPOXY LENS FINISH:	BLUE DIF	FUSED			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/'C
OPERATING, STORAGE TEMP.	-40 TO +85	°C

* t<10µS

NOTES:

- 1. SSH-LXH55, BLACK NYLON HOLDER.
- 2. SSL-LX5573USBD. BLUE LED.
- 3. PANEL CUT OUT: 8.45mm [0.345] SQR.
- 4. ANODE LEAD: LXP-WST24RDTOC, 24 AWG. TINNED OVERCOAT WIRE, RED INSULATION, CUT 150mm LONG, STRIP 3mm & 9.5mm. 5. CATHODE LEAD: LXP-WST24BLTOC, 24 AWG. TINNED OVERCOAT
- WIRE, BLACK INSULATION, CUT 150mm LONG, SRTIP 3mm & 9.5mm.
- 6. CRIMP WIRE LEADS TO LED LEADS.
- 7. 32mm 1/16" BLACK HEAT SHRINK TUBING. (2 PCS.)

*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= +DECIMAL PRECISION MAX. = +0.00 -DECIMAL PRECISION

REV.

PART NUMBER SSI-LXH55USBD-150

5mm x 5mm 470nm InGaN/SiC BLUE LED PANEL INDICATOR, BLUE DIFFUSED LENS, 6" WIRE LEADS.

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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APPROVED BY:

DATE: 2.26.02 PAGE: 1 OF 1 SCALE: N/A