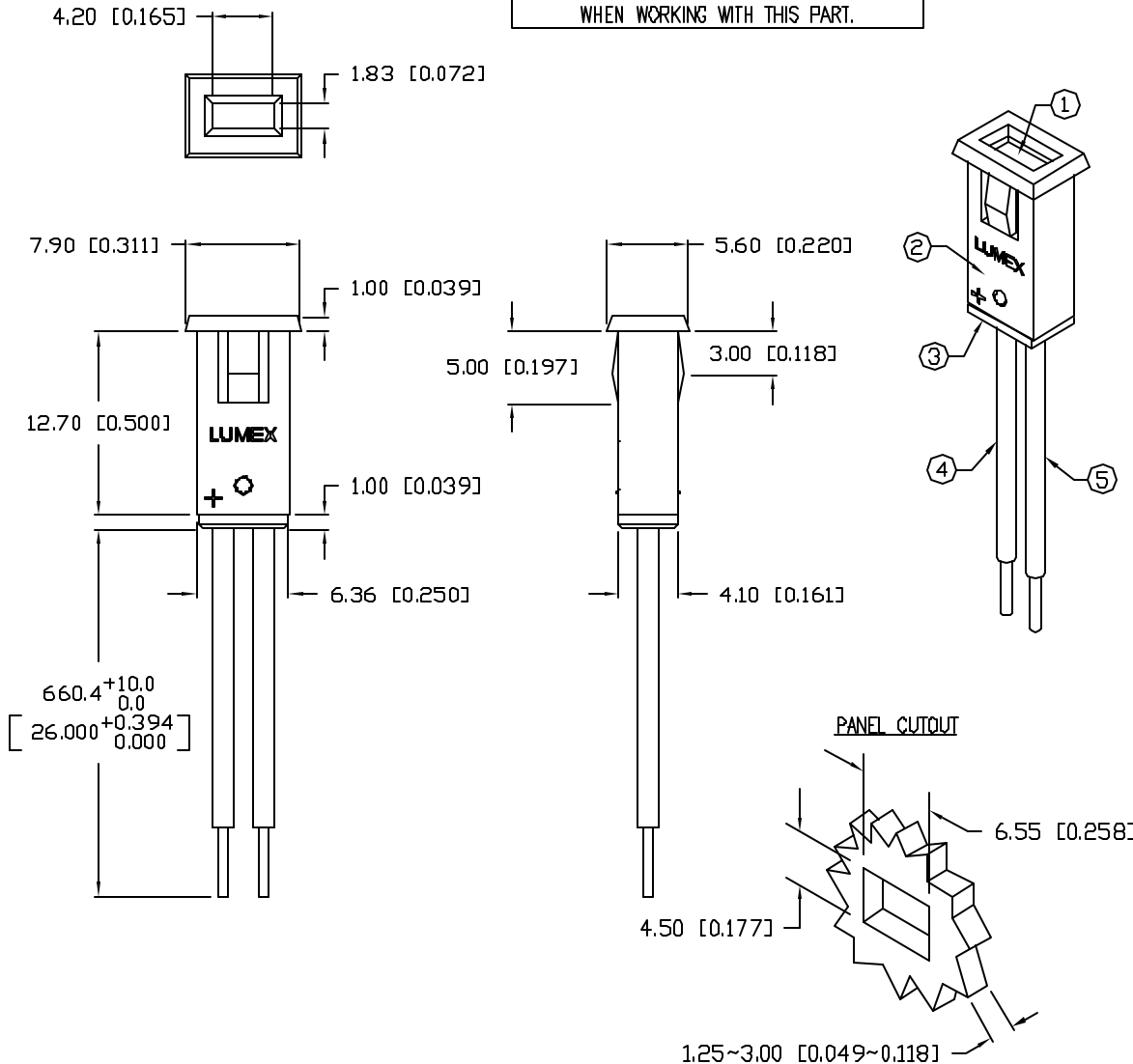


CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.



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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		470		nm	
FORWARD VOLTAGE		3.5	4.0	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY		50		med	$I_f=20\text{mA}$
VIEWING ANGLE		110		2x theta	
EMITTED COLOR:	BLUE				
EPOXY LENS FINISH:	BLUE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	98	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-LX2573USBD, BLUE LED. TRIM LEADS TO 3~4mm LONG.
- SSH-LXMP059-HSG, BLACK HOLDER.
- SSH-LXMP059-BSG2, BUSHING.
- ANODE LEAD: LXP-WST24RDT0C, RED INSULATED, 24 AWG., CUT 665mm, STRIP 3mm & 9.5mm.
- CATHODE LEAD: LXP-WST24BLT0C, BLACK INSULATED, 24 AWG., CUT 665mm, STRIP 3mm & 9.5mm.
- CRIMP OR SOLDER LEAD WIRES TO LED AND ASSEMBLE INTO HOUSING.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN= ^{+0.00}_{-0.00} DECIMAL PRECISION, MAX= ^{+0.00}_{-0.00} DECIMAL PRECISION.

REV.

PART NUMBER

SSI-LXMP059USBD660

470nm InGaN/SiC BLUE RECTANGULAR LED PANEL INDICATOR,
BLUE DIFFUSED LENS, 26" 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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PAGE: 1 OF 1

SCALE: N/A