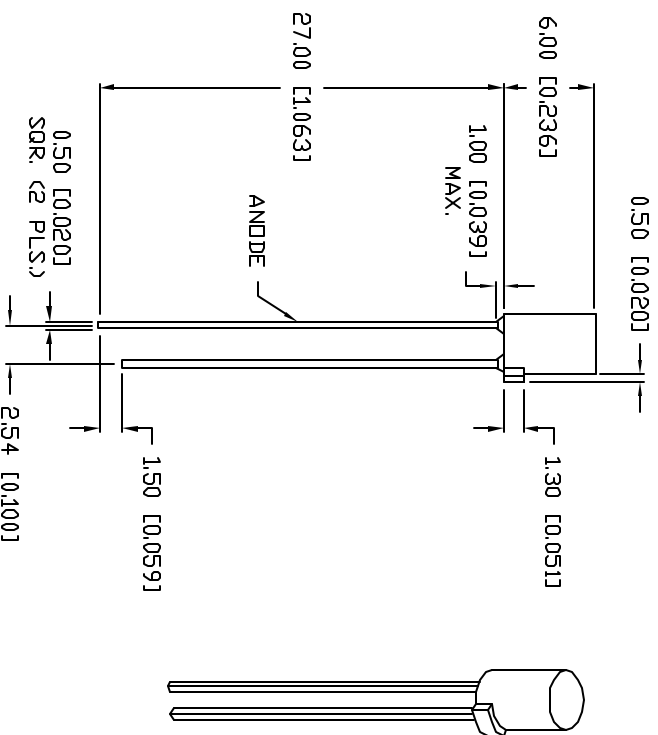
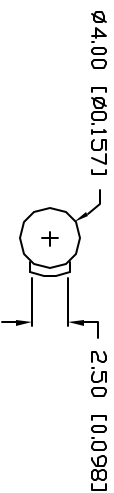


CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.



ELECTRO-OPTICAL CHARACTERISTICS					I _A =25°C	I _F =20mA
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND	
PEAK WAVELENGTH		470		nm		
FORWARD VOLTAGE		3.5	4.0	V _F	I _F =100μA	
REVERSE VOLTAGE		5.0		V _R		
AXIAL INTENSITY		80		mcd	I _F =20mA	
VIEWING ANGLE		100		2x theta		
EMITTED COLOR:				BLUE		
POXY 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	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X+1 (+0.029), X-1 (-0.029), X.X (+0.025), X.XX (+0.010), X.XXX (+0.012), X.XXXX (+0.005), LEAD SIZE (+0.05), LEAD LENGTH (+0.75), IN=+0.001, MAX=+0.001, PRECISION=+0.001

REV.

PART NUMBER

SSL-LX40FT3USB-D

T-4mm FLAT TOP, 470nm ULTRA SUPER BLUE LED,
BLUE DIFFUSED LENS.

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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

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