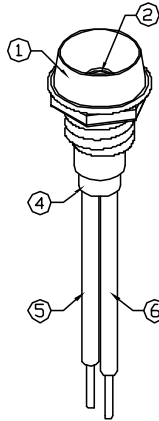
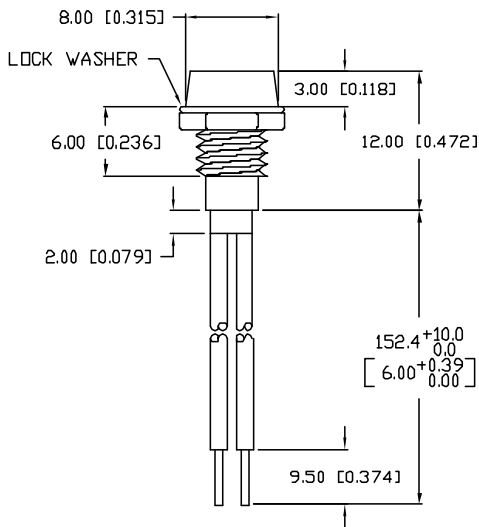
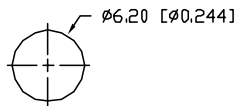


UNCONTROLLED DOCUMENT

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



PANEL CUTOUT



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

PART NUMBER		REV.
SSI-LXR1612SBD-150		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR. & REDRAWN IN 3D.	10.23.01

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		430		nm	
FORWARD VOLTAGE		4.5	5.5	V _f	
REVERSE VOLTAGE	5.0			V _r	I _f =100 μ A
AXIAL INTENSITY		25		med	I _f =20mA
VIEWING ANGLE		60		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	-1.5	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C

* t<10 μ s

NOTES:

- SSI-LXR1612, CHROME HOUSING.
- SSL-LX3054SBD/A, BLUE LED. TRIM LEADS TO 5mm.
- SOLDER WIRE LEADS TO LED LEADS.
- SSH-LXH1612BSG, BUSHING. INSERT AND CRIMP.
- ANODE LEAD: 26 AWG, STRANDED, RED INSULATION. CUT 157mm LONG, STRIP END 2mm & 9.5mm.
- CATHODE LEAD: 26 AWG, STRANDED, BLACK INSULATION. CUT 157mm LONG, STRIP END 2mm & 9.5mm.

UNCONTROLLED DOCUMENT

REV. A	PART NUMBER SSI-LXR1612SBD-150	<p>CONFIDENTIAL INFORMATION THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.</p> <p>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.</p>	 <p>290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 US WEB: www.lumex.com TW WEB: www.lumex.com.tw</p>	<p>DRAWN BY: BC</p> <p>CHECKED BY:</p> <p>APPROVED BY:</p> <p>DATE: 6.27.97 PAGE: 1 OF 1 SCALE: N/A</p>
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T-3mm (T-1) 430nm SUPER BLUE LED PANEL INDICATOR,
BLUE DIFFUSED LENS, 6" WIRE LEADS.