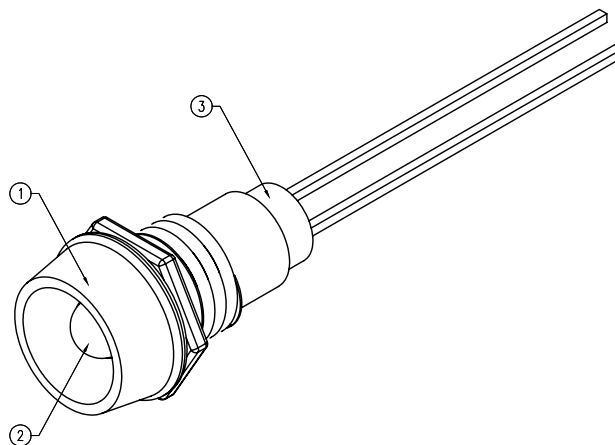
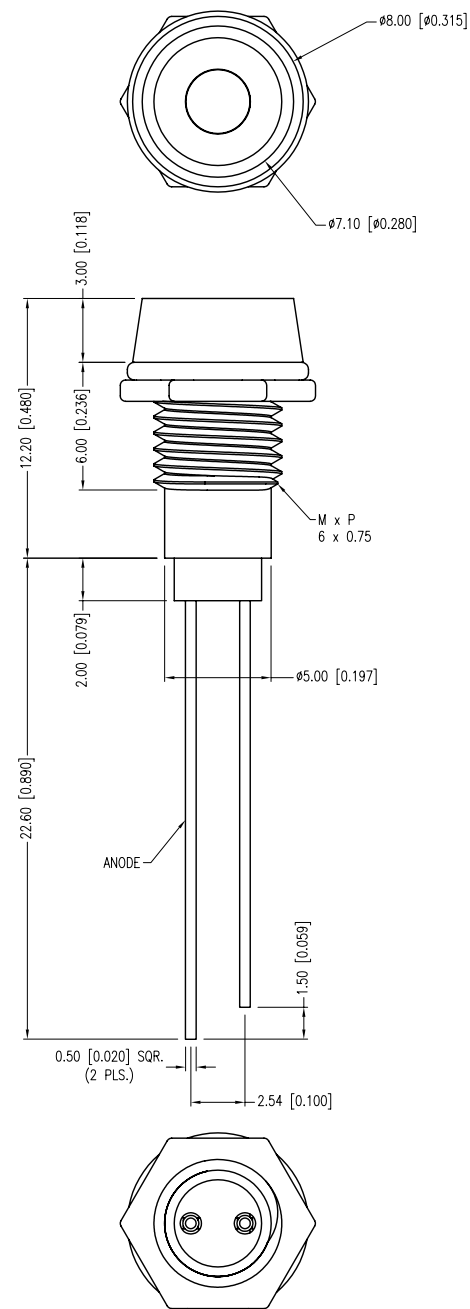
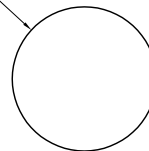


PART NUMBER	SSI-LXR1612SBD	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
10.23.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		A
07.14.11	E.C.N. #10BRDR. & REDRAWN.		B



PCB PANEL CUTOUT

Ø6.20 [Ø0.244]



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C			If=20mA		
PARAMETER	MIN	TYP	MAX	UNITS	UNITS
PEAK WAVELENGTH		430		nm	
FORWARD VOLTAGE		4.5	5.5	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY		25		mcd	If=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	-1.6	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C

* I<10µS

NOTES:

- SSI-LXR1612, CHROME HOUSING.
- SSL-LX3054SBD/A, BLUE LED.
- SSH-LXH1612BSG, BUSHING. INSERT AND CRIMP.

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

*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} _{-0.00} MAX.= ^{DECIMAL PRECISION} _{-0.00}

UNCONTROLLED DOCUMENT



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T-3mm (T-1) 430nm SUPER BLUE LED PANEL INDICATOR, BLUE DIFFUSED.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE:	07.14.11	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		Ⓟ