PART NUMBER	REV.
SSI-LXR5020GD	A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR. & REDRAWN.	8.14.01

Ø9.50 [Ø0.374]

+

3.00 [0.118]

15.00 [0.591]

Ø8.00 [Ø0.315]

20.50 [0.807]

ANODE

1.50 [0.059]

0.50 [0.020] SQR. (2 PLS.)

2.54 [0.100]

①

②
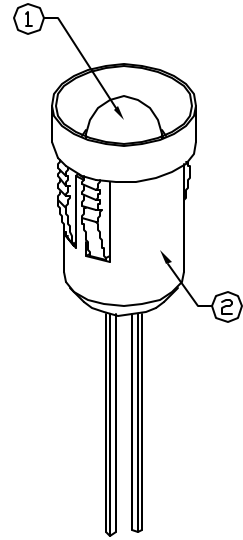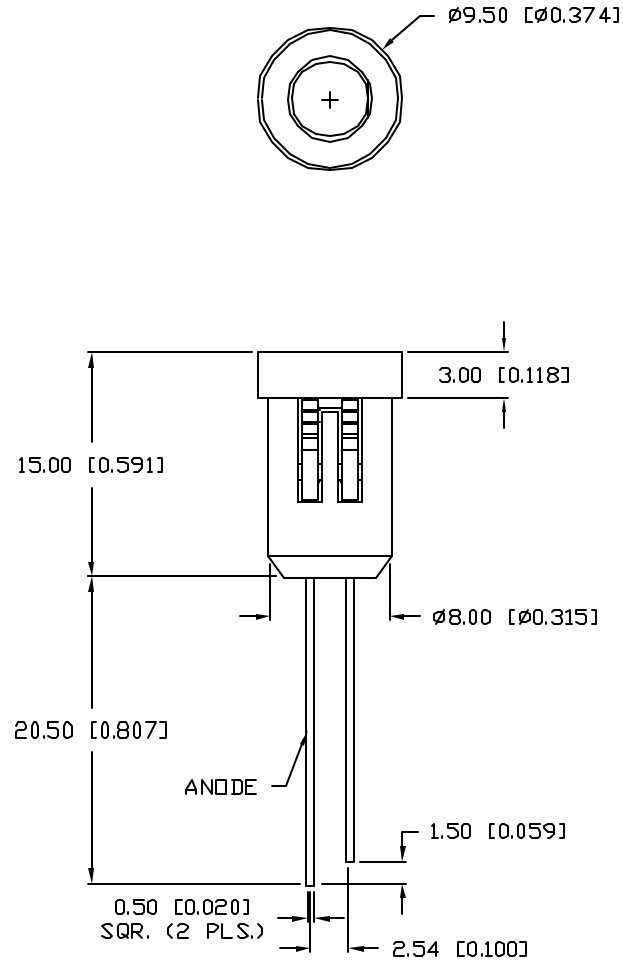
PANEL CUTOUT: 8.05mm.
PANEL THICKNESS: 0.6-2.6mm

ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C   I_f=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	I_r=100μA
AXIAL INTENSITY		30		mcd	I_f=20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	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

* t<10μS

NOTES:

1. SSL-LX5093GD LED.
2. SSH-RTF5020 HOLDER.

CAUTION: PRESSURE SENSITIVE ASSEMBLY
AVOID APPLYING PRESSURE TO LED
DURING PANEL ASSEMBLY.

*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= +0.00 / -DECIMAL PRECISION

REV.	PART NUMBER
A	SSI-LXR5020GD

T-5mm (T-1 3/4) ROUND LED PANEL INDICATOR,
565nm GREEN LED, GREEN DIFFUSED LENS.

LUMEX

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CT			PAGE: 1 OF 1
			SCALE: N/A

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