PART NUMBER	REV.
SSI–LXH8080ID	A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR. & REDRAWN IN 3D.	1.8.02

Ø8.00 [Ø0.315]

Ø14.00 [Ø0.551]

①

②

2.00 [0.079]

3.00 [0.118]

16.50 [0.650]

Ø12.00 [Ø0.472]

19.50 [0.768]

ANODE

1.50 [0.059]

0.50 [0.020]
SQR. (2 PLS.)

2.54 [0.100]

PANEL CUTOUT

12.05 [0.474]

0.60~3.00 [0.024~0.118]
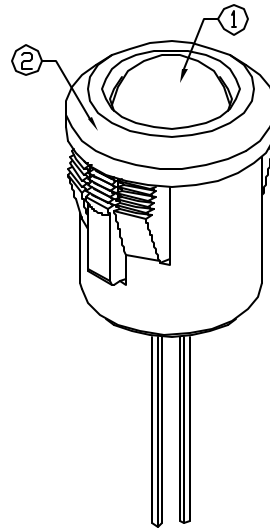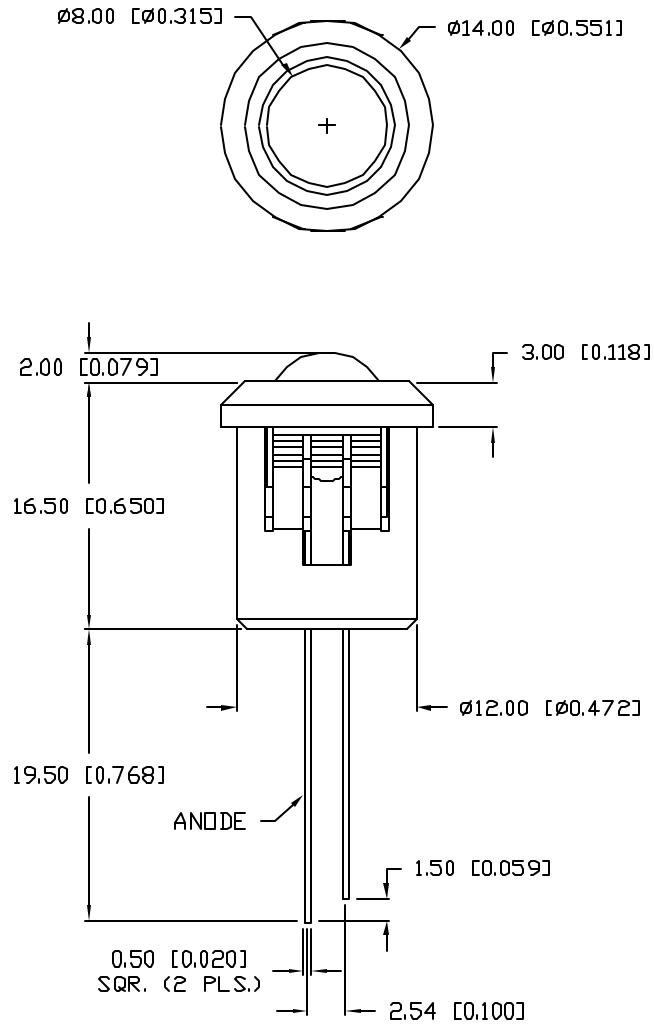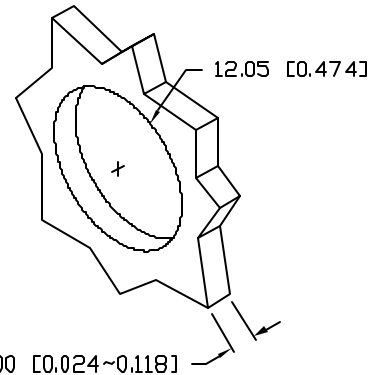
ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C I_f=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.0	2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	I_r=100µA
AXIAL INTENSITY		40		mcd	I_f=20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	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-LX80113ID, RED LED.
2. SSH-RTF8080, BLACK HOLDER.
3. UV EPOXY TO RETAIN LED IN HOLDER.

*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–LXH8080ID			

T-8mm 635nm RED LED PANEL INDICATOR,
RED DIFFUSED LENS.

LUMEX

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BC			PAGE:	1 OF 1
			SCALE:	N/A

Mouser Electronics

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