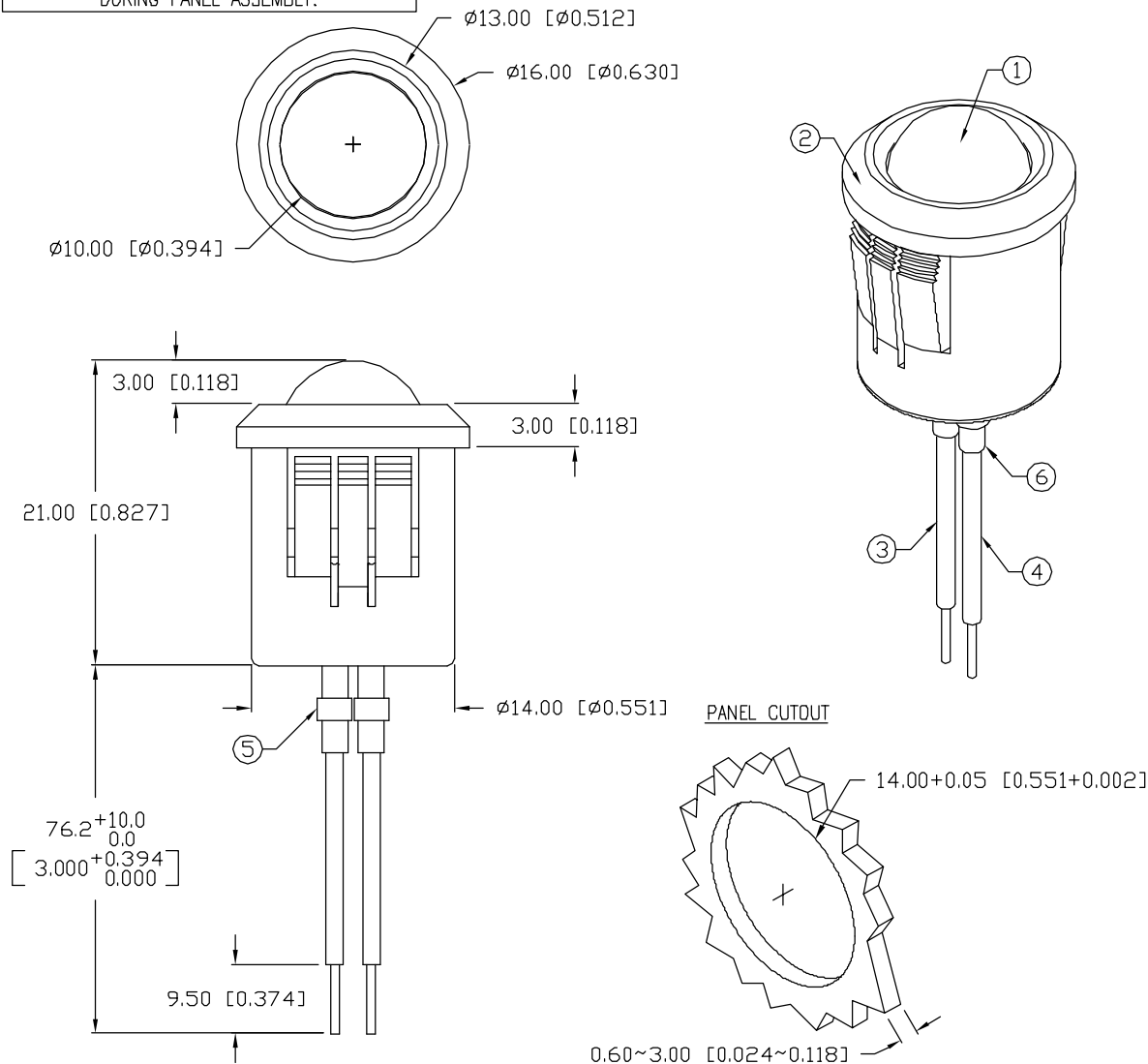


UNCONTROLLED DOCUMENT

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 MAX.=+0.00 -DECIMAL PRECISION

PART NUMBER
SSI-LXH1090SYD1275

REV.
A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11092.	2.9.04

ELECTRO-OPTICAL CHARACTERISTICS T _A =25°C V _f =12V					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		590		nm	
FORWARD VOLTAGE		12.0	14.0	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100μA
AXIAL INTENSITY		200		mcd	V _f =12V
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	YELLOW DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE	14	V
STEADY CURRENT	12	mA
POWER DISSIPATION	305	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C

NOTES:

1. SSL-LX100133SYD12V LED.
2. SSH-RTF1090 HOLDER.
3. ANODE LEAD: LXP-WST24RDTQC, 24 AWG STRANDED, RED INSULATION, CUT 62mm LONG, STRIP 3mm & 9.5mm.
4. CATHODE LEAD: LXP-WST24BLTDC, 24 AWG STRANDED, BLACK INSULATION, CUT 62mm LONG, STRIP 3mm & 9.5mm.
5. CRIMP WIRE LEADS TO LED LEADS.
6. 2 PIECES- 32mm, 1/16" BLACK HEAT SHRINK TUBING.
7. UV EPOXY TO RETAIN LED IN HOLDER.

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A

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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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T-10mm 590nm AlInGaP YELLOW LED PANEL INDICATOR,
YELLOW DIFFUSED LENS, 3" WIRE LEADS, 12V OPERATION.

DRAWN BY: BC	CHECKED BY:	APPROVED BY:	DATE: 1.12.04 PAGE: 1 OF 1 SCALE: N/A
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Mouser Electronics

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