PART NUMBER

SSI-LXR5010SYD-150

REV.

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

Ø9.50 [Ø0.374]

2.50 [0.098]

15.00 [0.591]

12.50 [0.492]

Ø8.00 [Ø0.315]

$152.4^{+10.0}_{0.0}$

$[6.000^{+0.394}_{0.000}]$

9.50 [0.374]

PANEL CUTOUT

8.05 [0.317]

0.60~2.80 [0.024~0.110]
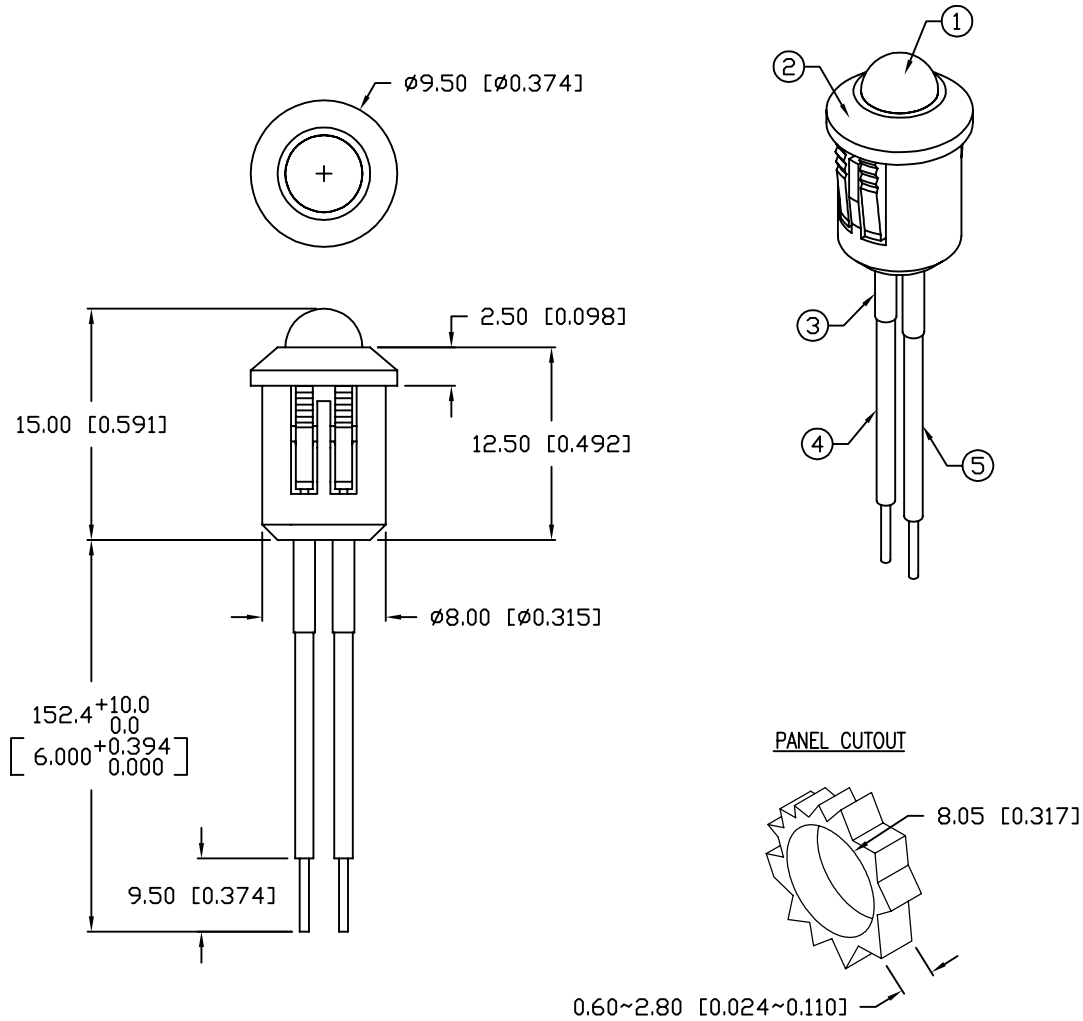
ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C I_f= 20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		590		nm	
FORWARD VOLTAGE		2.1	2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	I_r=100µA
AXIAL INTENSITY		300		mcd	I_f=20mA
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 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

* t<10µS

NOTES:

1. SSL-LX5093SYD, YELLOW LED. TRIM LEADS TO 3-4mm.
2. SSH-RTF5010, BLACK HOLDER.
3. LXP-HEATSHRINK-2, (2 PCS.) 1/16" x 1/2".
4. ANODE LEAD: LXP-WST24RDTOC, CUT 160mm LONG, STRIP ENDS 3mm & 9.5mm.
5. CATHODE LEAD: LXP-WST24BLTOC, CUT 160mm LONG, STRIP ENDS 3mm & 9.5mm.

*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				
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LUMEX
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T-5mm, 590nm AlInGaP YELLOW LED PANEL INDICATOR,

YELLOW DIFFUSED LENS, 6" WIRE LEADS.

DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 1.5.02
			PAGE: 1 OF 1
BC	JD	JD	SCALE: N/A

Mouser Electronics

Authorized Distributor

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