

## NOTES:

- SSH-LXH55, BLACK NYLON HOLDER.
- SSL-LX5573YD, YELLOW LED.
- PANEL CUT OUT: 8.45mm [0.345] SQR.
- ANODE LEAD: LXP-WST24RDT0C, 24 AWG. TINNED OVERCOAT WIRE, RED INSULATION, CUT 440mm LONG, STRIP 3mm & 9.5mm.
- CATHODE LEAD: LXP-WST24BLT0C, 24 AWG. TINNED OVERCOAT WIRE, BLACK INSULATION, CUT 440mm LONG, STRIP 3mm & 9.5mm.
- CRIMP WIRE LEADS TO LED LEADS.
- 32mm 1/16" BLACK HEAT SHRINK TUBING. (2 PCS.)

ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^{\circ}\text{C}$   $I_f=20\text{mA}$ 

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585		nm	
FORWARD VOLTAGE		2.1	2.8	$V_f$	
REVERSE VOLTAGE	5.0			$V_r$	$I_f=100\mu\text{A}$
AXIAL INTENSITY		10		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		110		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	YELLOW DIFFUSED				

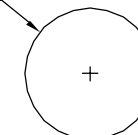
LIMITS OF SAFE OPERATION AT  $25^{\circ}\text{C}$ 

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	35	mA
STEADY CURRENT	20	mA
POWER DISSIPATION	110	mW
DERATE FROM $25^{\circ}\text{C}$	-1.2	mW/ $^{\circ}\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^{\circ}\text{C}$
SOLDERING TEMP.	+260	$^{\circ}\text{C}$
2.0 mm FROM BODY	5 SEC. MAX	

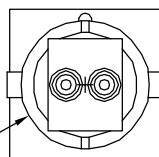
\*  $t < 10\mu\text{s}$ 

## PANEL CUTOUT:

Ø8.74 [Ø0.344]



Ø8.50 [Ø0.335]



\*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

REV.

PART NUMBER

SSI-LXH55YD-450

5mm x 5mm 585nm YELLOW LED, PANEL INDICATOR,  
YELLOW DIFFUSED LENS, 18" WIRE LEADS.

## CONFIDENTIAL INFORMATION

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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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SCALE: N/A

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