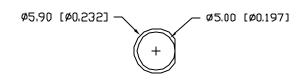
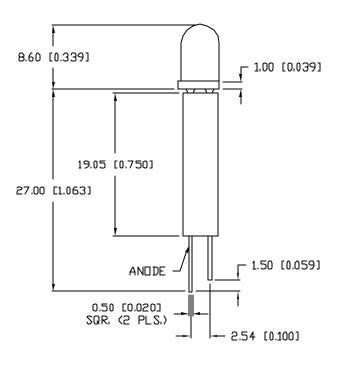
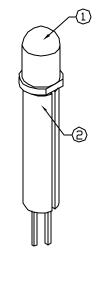
## SSS-LX5093YD-750B







ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	LINITS	TEST COND
PEAK WAVELENGTH		585		nm	
FORWARD VOLTAGE		2.1	2.5	$V_f$	
REVERSE VOLTAGE	5.0			$V_r$	I <sub>r</sub> =100µA
AXIAL INTENSITY		30		mcd	$I_f = 20 \text{mA}$
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	<i>3</i> 0	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	<b>-1.2</b>	mW/℃
OPERATING, STORAGE TEMP.	- 40 TO +85	•c
SOLDERING TEMP.	+ 260	.c
2.0mm FROM BODY		3 SEG. MAX

<sup>\*</sup> t<10µS

## NOTES:

- 1. SSL-LX5093YD
- 2. SSS-LX75DB5, .75" LONG BLOCK PVC SPACER.

UNCONTROLLED DOCUMENT

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECINAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +0.000 MAX.= +0.000 MAX.=

REV. SSS

PART NUMBER
SSS-LX5093YD-750B

T-5mm (T-1 3/4) 585nm YELLOW LED, YELLOW DIFFUSED LENS, WITH .75" SPACER.

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RELABILITY 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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