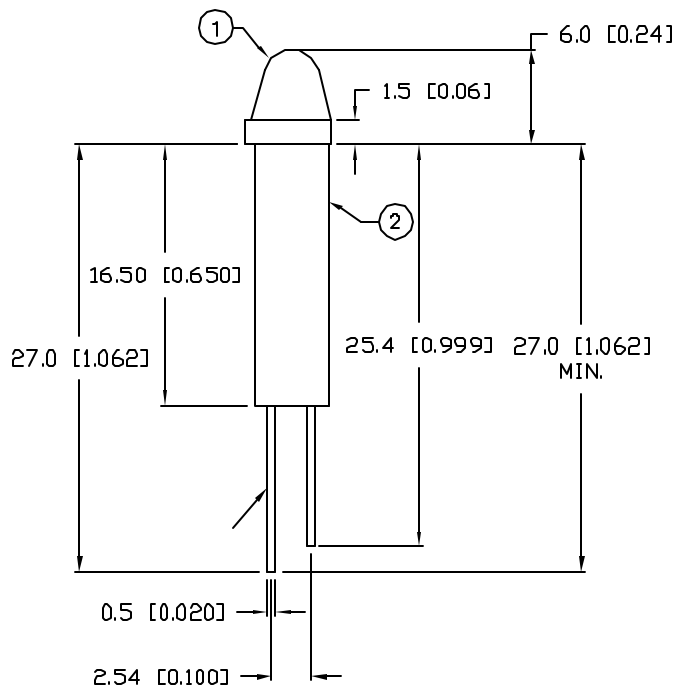
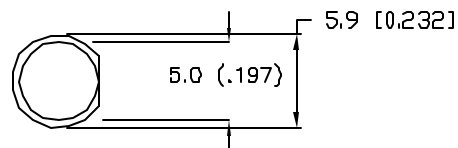




NOTES:

1. SSL-LX5063YD LED.
2. SSS-LX650B5 BLACK SPACER.

PART NUMBER
SSS-LX5063YD-650B

REV.
A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11148.	02.27.07

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585 (YELLOW)		nm	
FORWARD VOLTAGE		2.1	2.8	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r = 100\mu\text{A}$
AXIAL INTENSITY		15		mcd	$I_f = 20\text{mA}$
VIEWING ANGLE		60		$2\times$ 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	$\text{mW}/^\circ\text{C}$
OPERATING, STORAGE TEMP	-40 TO $+85$	$^\circ\text{C}$
LEAD SOLDERING TEMP	$+260$	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX

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



REV.
A

PART NUMBER
SSS-LX5063YD-650

SHORT PROFILE T-5 (T-3/4) LED, YELLOW DIFFUSED
WITH .650" SPACER ATTACHED.

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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