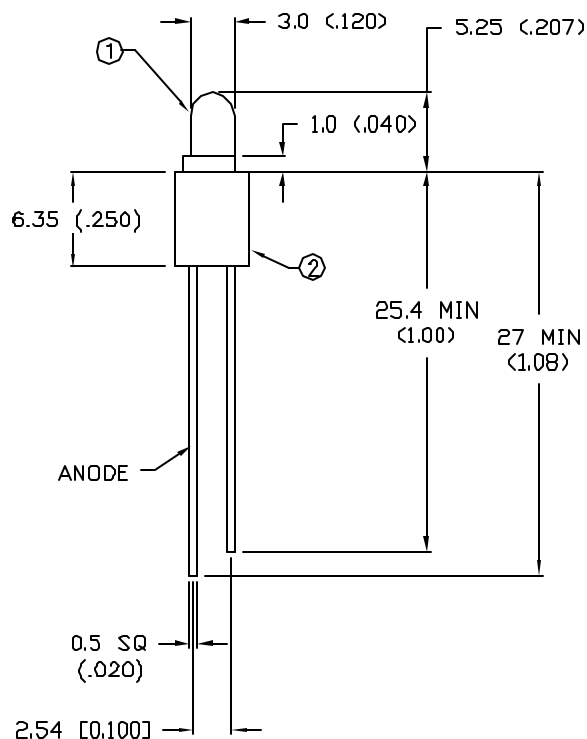
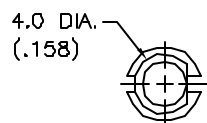


UNCONTROLLED DOCUMENT

COPY OBJECTS AND
PUT ON REV- LAYER.

NOTES:

1. SSL-LX3054YD LED.
2. SSS-LX250B5 BLACK SPACER.

PART NUMBER		REV.
SSS-LX3054YD-250B		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11148.	02.23.07

ELECTRO-OPTICAL CHARACTERISTICS TA=25 °C					I _f =20mA
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 =100uA
AXIAL INTENSITY		8.0		md	I _f =20mA
VIEWING ANGLE		80		2x theta	
EMITTED COLOR :	YELLOW				
EPOXY LENS FINISH:	YELLOW DIFFUSED				

LIMITS OF SAFE OPERATION AT 25 DEG. C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT *	155	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	85	mW
DERATE FROM 25 °C	-1.8	mW/ °C
OPERATING, STORAGE TEMP.	-55 TO +100	°C
LEAD SOLDERING TEMP.	+260	°C
1.6mm FROM BODY	5 SEC. MAX	

* t<10uS

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.038), 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= +DECIMAL PRECISION MAX= +0.00 -DECIMAL PRECISION

REV.

A

PART NUMBER

SSS-LX3054YD-250B

T-3mm (T-1) LED, YELLOW DIFFUSED
WITH .250" 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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