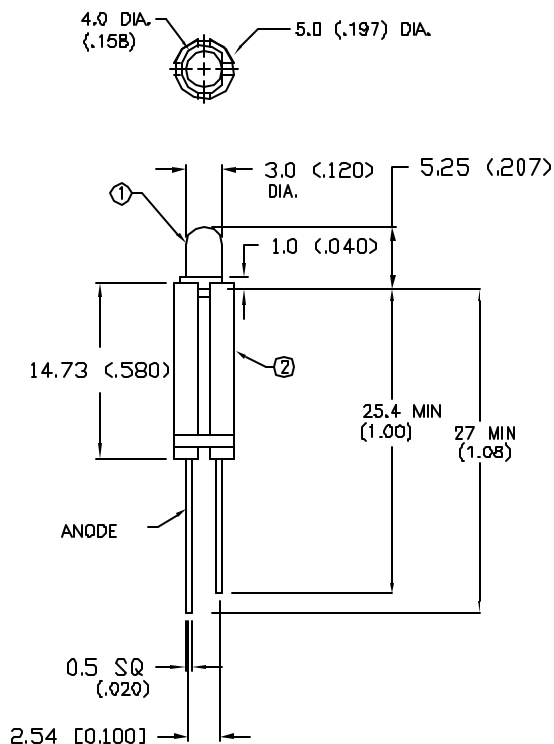


UNCONTROLLED DOCUMENT

PART NUMBER
SSS-LX3054GD-580VREV.
A

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11148.	02.22.07



NOTES:

1. SSL-LX3054GD LED.
2. SSS-LX580V5 WHITE NYLON SPACER.

TOLERANCE: ± 0.25
(± 0.010)

ELECTRO-OPTICAL CHARACTERISTICS TA=25 °C				IF=20mA
PARAMETER	MIN	TYP	MAX	UNITS TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm
FORWARD VOLTAGE		2.1	2.8	V _f
REVERSE VOLTAGE	5.0			V _r I _r =100uA
AXIAL INTENSITY		8.0		mod I _f =20mA
VIEWING ANGLE		80		2x theta
EMITTED COLOR :		GREEN		
EPOXY LENS FINISH:		GREEN DIFFUSED		

LIMITS OF SAFE OPERATION AT 25 DEG. C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT *	155	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	120	mW
DERATE FROM 25 °C	-1.6	mW/ °C
OPERATING, STORAGE TEMP.	-55 TO +100	°C
LEAD SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 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.
APART NUMBER
SSS-LX3054GD-580VT-3mm (T-1)LED, GREEN DIFFUSED
WITH .580" SPACER ATTACHED.

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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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