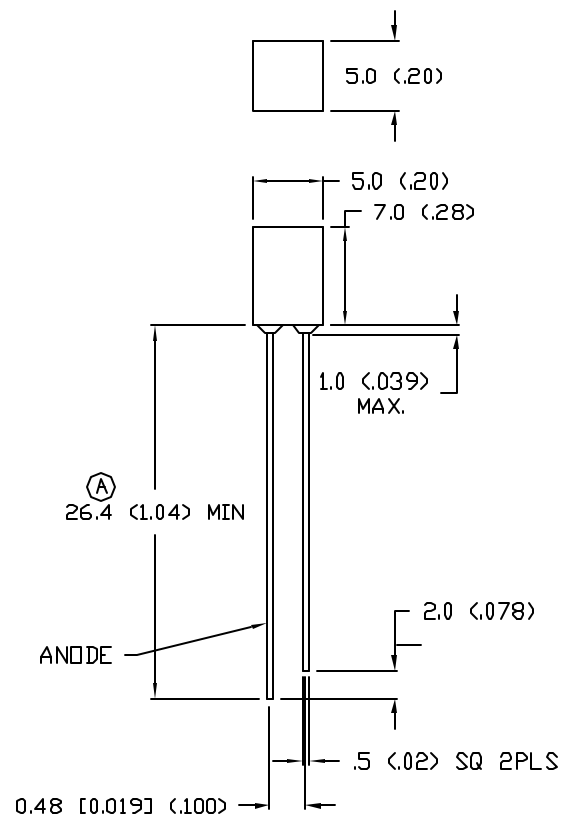


UNCONTROLLED DOCUMENT

PART NUMBER
SSL-LX5573YD-FL-01REV.
B

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	CHG LEAD LENGTH FROM 30mm TO 26.4mm	01.21.94
B	E.C.N. #11148.	02.05.07



* NOTE: SORT LEDS BY WAVELENGTH
AS FOLLOWS AND PACK GROUPS IN
BAGS IDENTIFIED BY WAVELENGTH.

GROUP 1 583-584 nm
GROUP 2 585-586 nm
GROUP 3 587-588 nm
GROUP 4 589-590 nm
GROUP 5 591-592 nm

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25$ °C $I_f=20$ 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		$I_f=30\mu A$
AXIAL INTENSITY		5		mcd		$I_f=20$ mA
VIEWING ANGLE		180		2x theta		
EMITTED COLOR :	YELLOW					
EPOXY LENS FINISH:	YELLOW DIFFUSED					

LIMITS OF SAFE OPERATION AT 25 °C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT	155	mA
AVG FORWARD CURRENT	30	mA
POWER DISSIPATION	60	mW
DERATE FROM 25 °C	1.6	mW/ °C
OPERATING/STORAGE TEMP	-55 TO +100	°C
LEAD SOLDERING TEMP.	+230	°C
1.6mm FROM BODY	5 SEC. MAX	

*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.
BPART NUMBER
SSL-LX5573YD-FL-01

5 x 5mm SQUARE LED, YELLOW DIFFUSED SELECTED.

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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.



290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
US WEB: www.lumex.com
TW WEB: www.lumex.com.tw

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JC			PAGE: 1 OF 1
			SCALE: N/A

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