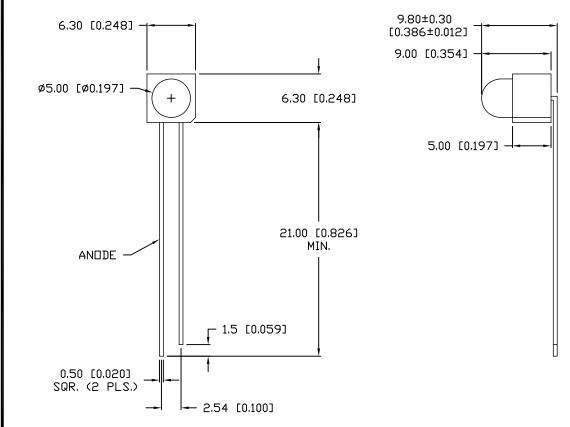
UNCONTROLLED DOCUMENT

PART NUMBER

SSF-LX453SYD-99

E.C.N. NUMBER AND REVISION COMMENTS REV. 06,20,13 E.C.N. #11865.

REV.



ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		590		nm	
FORWARD VOLTAGE		2.1	2.5	V_{f}	
REVERSE VOLTAGE	5.0			v_r	Ir=100µA
AXIAL INTENSITY		150		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	30	mA				
POWER DISSIPATION	105	mW				
DERATE FROM 25°C	- 1.2	mW/°C				
OPERATING, STORAGE TEMP.	- 40 TO +85	•C				
SOLDERING TEMP.	+ 260	•C				
2.0mm FROM BODY		3 SEC. MAX				

* t<10µS

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*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $X=\pm 1$ (± 0.039), $X.X=\pm 0.5$ (± 0.020), $X.XX=\pm 0.25$ (± 0.010), $X.XXX=\pm 0.127$ (± 0.005). LEAD SIZE= ± 0.05 (± 0.002), LEAD LENGTH= ± 0.75 (± 0.030). MIN= ± 0.00 MIN=

REV. PART NUMBER SSF-LX453SYD-99

T-5mm (T-1 3/4) RIGHT ANGLE LED INDICATOR, 590nm SUPER YELLOW LED, YELLOW DIFFUSED LENS.

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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

DRAWN BY:

СТ

CHECKED BY: APPROVED BY: DATE:

3.20.02 PAGE: 1 OF 1

SCALE: N/A