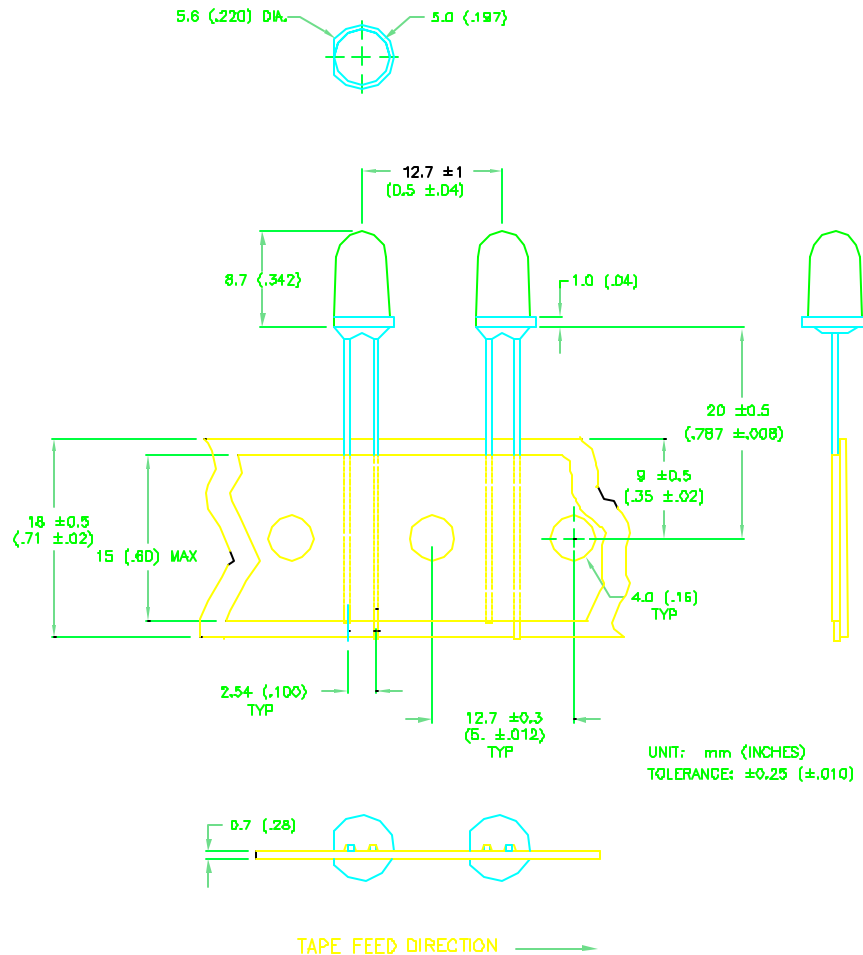


DATE	REVISIONS	REV
11-25-96	E.C.N. #10279./	A

DRAWING NUMBER	REV
SSL-LX5093XGC-TR20	A



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.

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		588 (GREEN)		nm	
FORWARD VOLTAGE		2.1	2.7	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f = 100\mu\text{A}$
AXIAL INTENSITY		250		med	$I_f = 20\text{mA}$
VIEWING ANGLE		20		2x theta	
EMITTED COLOR	GREEN				
EPOXY LENS FINISH	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
OPERATING, STORAGE TEMP	-40 TO +85	$^\circ\text{C}$
LEAD SOLDERING TEMP	+260	$^\circ\text{C}$
2.0mm FROM BODY	3 SEC. MAX	

*f=1KHz, DF =6.7%

LUMEX
OPTO COMPONENTS INC.

290 E. HELLEN ROAD
PALATINE, ILLINOIS 60067
(847) 359-2790

CONFIDENTIAL INFORMATION
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DATE: 11-7-95	DWN:	CHK'D:	APPD:
SCALE: N/A			

T-5 (T-1 3/4) LED, GREEN CLEAR SUPER BRIGHT,
TAPE AND REEL, w/ 20mm CENTERLINE

PAGE 1 OF 1	DRAWING NUMBER SSL-LX5093XGC-TR20	REV A
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