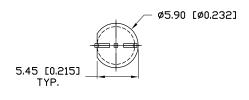
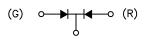
DATE	REVISIONS	REV
8-30-94	UPDATED SAFE OPER. SPECS.	Α
3-29-95	UPDATED SPECS.	В
9-7-95	CORRECTED DIMS WHERE NOTED.	С
3-17-98	E.C.N. #10BRDR. & REDRAWN./	D

ø5.00 [0.197] —	-	
	_ 1.00 [0.039] 8.60 [0.339)]
©	<u>_</u>	
2.40 [0.094]		
†	©	
	20.50 [0.807]	
22.50 [0.886]	MIN.	
MIN. GREEN ANDDE	RED 24.50 [0.96 MIN.	51
<u>, </u>	0.50 [0.020] (3 PLS.)	
2.54 [0.100] —	-	
	—— 2.54 [0.100]	





COMMON CATHODE

UNLESS OTHERWISE SPECIFIED TOLERANCE IS ±.25mm (±0.010")

DRAWING NUMBER
SSL-LX5099GIW/R

REV

D

1

ELECTRO-OPTICAL CHARACTERISTICS $T_A = 25$ °C $I_f = 20$ mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN 635 (RED))	nm nm	
FORWARD VOLTAGE(G/R) REVERSE VOLTAGE	5.0	2.2/2.0	2.6/2.5	V _f V _r	I _r =100µA
AXIAL INTENSITY (G/R) VIEWING ANGLE		45/55 60		mcd 2x theta	I _r =100µA I _f =20mA
	EEN/F _KY_W	RED HITE DIFFUSE	D		

B LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT* STEADY CURRENT POWER DISSIPATION DERATE FROM 25°C OPERATING, STORAGE TEMP. SOLDERING TEMP. 2.0mm FROM BODY	(G/R)	150 25/30 105 -1.2 -40 TO +85 +260	mA mA mW mW/*C *C *C 3 SEC. MAX

^{*} t<10µS

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.

LUMEX INCORPORATED

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

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DATE: 6-24-92 DWN: CHK'D: APPD:

SCALE: N/A

T-5mm (T-1 3/4) LED, GREEN/RED BICOLOR, MILKY WHITE DIFFUSED LENS, COMMON CATHODE, REVERSE FLANGE.

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DU

Mouser Electronics

Authorized Distributor

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