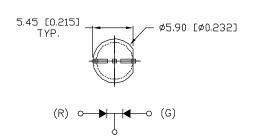
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©	9]
2.40 [0.094]	
20.50 [0.886] MIN.  RED ANDDE  GREEN ANDDE  24.50 [0.965 MIN.	.5)
2.54 [0.100]     2.54 [0.100]	



COMMON CATHODE

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

DRAWING NUMBER
SSL-LX5099HGW

REV

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ELECTRO-OPTICAL CHARACTERISTICS TA = 25°C If = 20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		700 (RED)		nm	
		565 (GREEN	1)	nm	
FORWARD VOLTAGE(R/G)		2.0/2.2	2.5/2.6	$V_{f}$	
REVERSE VOLTAGE	5.0	, i	,	Vr	$I_r = 100 \mu A$
AXIAL INTENSITY (R/G)		6/25		mcd	$I_f = 20 \text{ mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR: RED	GRE	EEN			
EPOXY LENS FINISH: MIL	KY W	HITE DIFFUSE	ED		

## © 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	(R/G)	150 25 120/105 -1.2 -40 TO +85 +260	mA mA mW mW/*C *C *C 3 SEC. MAX

<sup>\*</sup> 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.



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

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DATE: 6-27-90 DWN: CHK'D: APPD:

SCALE: N/A

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

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