

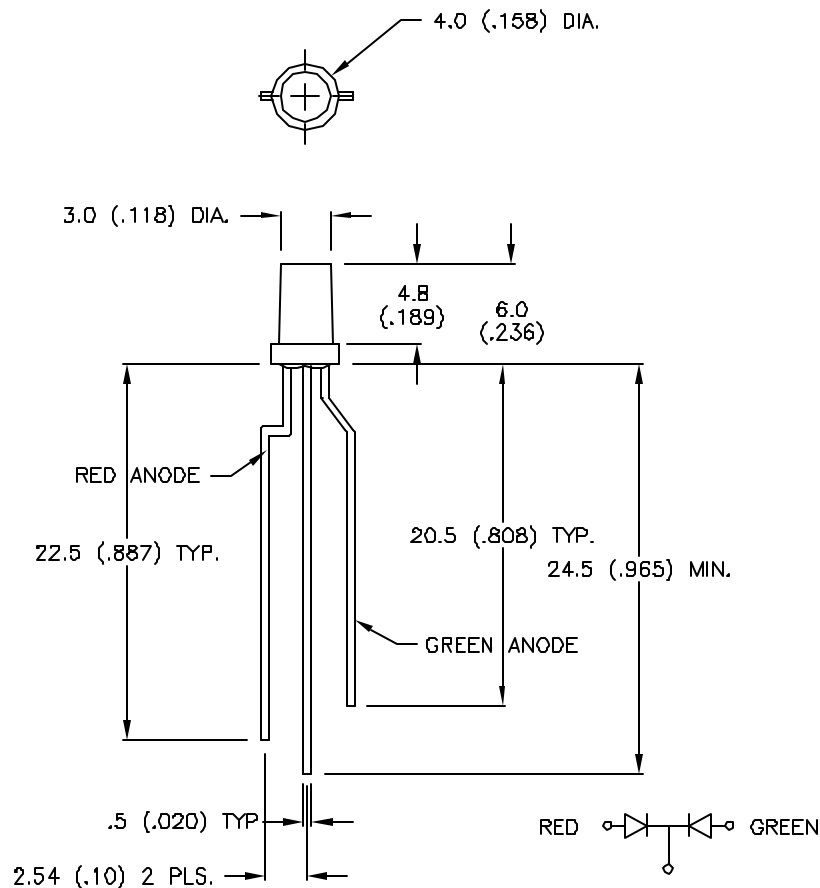
DATE

REVISIONS

REV

DRAWING NUMBER
SSL-LX30FT19IGW-TD

REV



UNIT: mm (INCHES)
TOLERANCE: ± 0.2 (.008)

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		635 (RED)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE (R/G)	2.0	2.8		V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r = 100\mu\text{A}$
AXIAL INTENSITY (R/G)		7.0		mcd	$I_f = 20\text{mA}$
VIEWING ANGLE		100		2x theta	
EMITTED COLOR:		RED/GREEN			
EPOXY LENS FINISH:		MILKY WHITE DIFFUSED			

LIMITS OF SAFE OPERATION AT 25 DEG. C

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

* $t < 10\mu\text{s}$

LUMEX
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DATE: 1-6-95

DWN:

CHK'D:

APPD:

SCALE: DO NOT SCALE DWG

T-3 (T-1) FLAT TOP, TRI-LEAD LED,
BICOLOR RED/GREEN WHITE DIFFUSED.

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