

UNCONTROLLED DOCUMENT

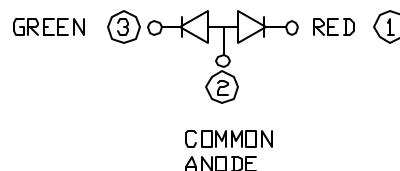
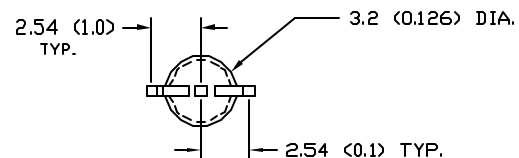
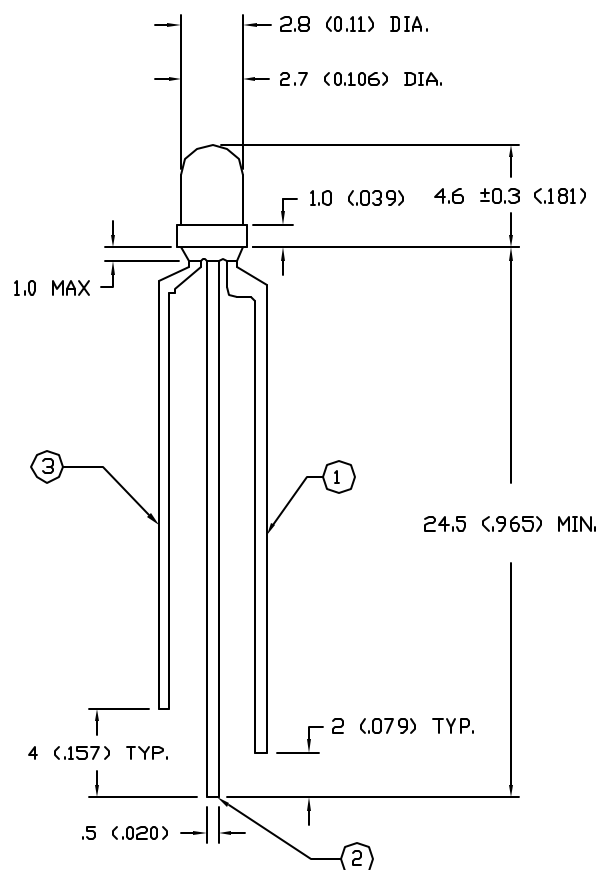
ELECTRO-OPTICAL CHARACTERISTICS TA=25 °C

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 =100uA
AXIAL INTENSITY (R/G)	8/4			mcd	I _f =20mA
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	-1.6	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
LEAD SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3 SEC. MAX	

* t<10uS

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.

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LUMEX
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DATE: 3-24-95	DWN:	CHK'D:	APPD:
SCALE: N/A			

 T3 X 4.5mm TRI-LEADED LED BICOLOR, RED/GREEN
COMMON ANODE

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 DRAWING NUMBER
SSL-LX3049IGW-CA

REV