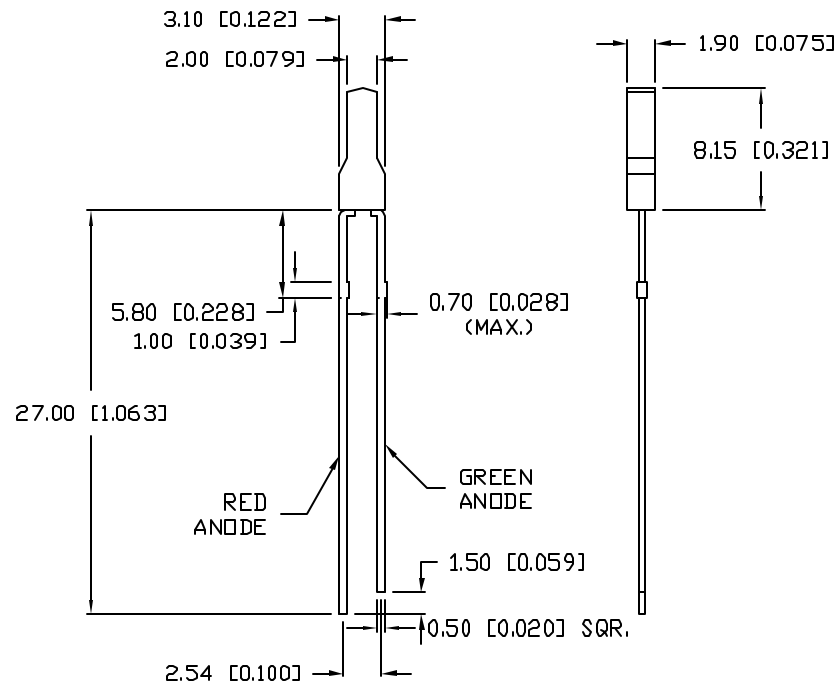


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REV.

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		636 (RED)		nm	
		525 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		1.9/3.5	2.5/4.0	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY (R/G)		250/100		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		150		2x theta	
EMITTED COLOR:	RED/GREEN				
EPOXY LENS FINISH:	MILKY WHITE				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*	(R/G)	185/150	mA
STEADY CURRENT		30	mA
POWER DISSIPATION	(R/G)	75/135	mW
DERATE FROM 25°C		-1.8	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.		-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.		+260	$^\circ\text{C}$
2.0mm FROM BODY			3 SEC. MAX

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

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*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN=+0.00 DECIMAL PRECISION MAX=+0.00 DECIMAL PRECISION

REV.

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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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DRAWN BY:

JD

CHECKED BY:

APPROVED BY:

DATE: 7.10.06

PAGE: 1 OF 1

SCALE: N/A

1.9x2.0mm BI-COLOR RECTANGULAR LAMP,

636nm RED / 525nm GREEN, MILKY WHITE DIFFUSED.