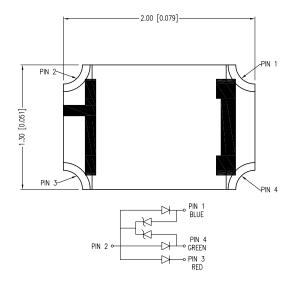
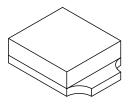
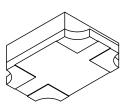
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RECOMMENDED SOLDER PAD LAYOUT

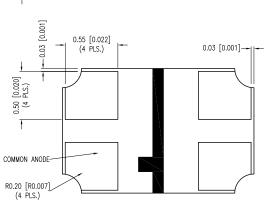
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH (R/G/B)		632/520/468		nm	
FORWARD VOLTAGE (R/G/B)	1.6/2.7/2.7		2.4/3.9/3.9	Vf	
REVERSE VOLTAGE			5.0	Vr	lr=100µA
AXIAL INTENSITY (R/G/B)	45/112.5/28.5		285/360/180	mcd	If=20mA
VIEWING ANGLE		140		2x theta	
EMITTED COLOR:	RED/GREEN/BLUE				
LENS FINISH:	MILKY WHITE DIFF	USED			

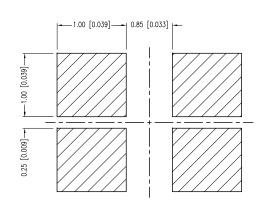
LIMITS OF SAFE OPERATION AT 25°C				
PARAMETER	MAX	UNITS		
PEAK FORWARD CURRENT* (R/G/B)	80/80/80	mA		
STEADY CURRENT (R/G/B)	20/20/20	mA		
POWER DISSIPATION (R/G/B)	72/78/78	mW		
DERATE FROM 25°C	-1.2	mW/*C		
OPERATING TEMP.	-30 TO +80	•C		
STORAGE TEMP.	-40 TO +85	•C		
* t<10µS				

CAUTION: MOISTURE SENSITIVE DEVICE PER JEDEC LEVEL 3 STANDARDS

CAUTION: STATIC SENSITIVE DEVICE FOLLOW PROPER E.S.D. HANDLING PROCEDURES WHEN WORKING WITH THIS PART.







*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= +DECIMAL PRECISION MAX.= +0.00 (±0.001), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.003). MIN= +DECIMAL PRECISION MAX.= +0.00 (±0.003). MIN= +0.00 (±0.003). MIN= +DECIMAL PRECISION MAX.= +0.00 (±0.003). MIN=

Creating LED and LCD Solutions Together™

425 N. GARY AVE. CAROL STREAM, IL 60188-4900 PHONE: +1.800.278.5666 FAX: +1.630.315.2152 WEB: WWW.LUMEX.COM MEMBER OF ITW PHOTONICS GROUP 2.0mmX1.3mm RGB SURFACE MOUNT,632nm RED,520nm GREEN,468nm BLUE LED, T&R.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

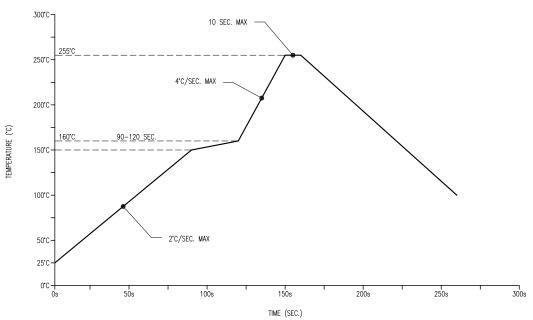
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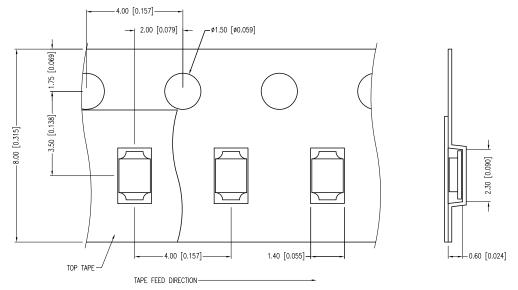
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TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.



1. THE CATHODE IS ORIENTED TOWARDS THE TAPE SPROCKET HOLES.

*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= +DECIMAL PRECISION MAX.= +0.00 (±0.000), X.XX=±0.127 (±0.000).

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