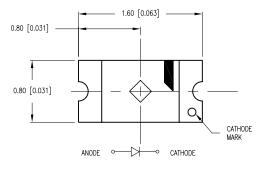
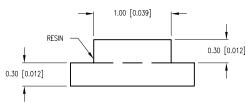
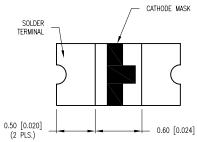
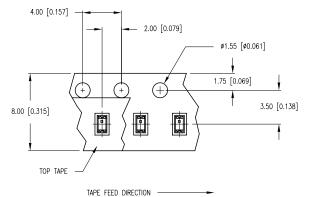
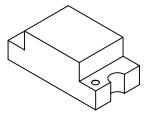
\*C

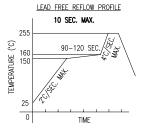




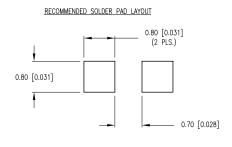








TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.



\*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 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 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 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 LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION MAX.= +0.00 (±0.001), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.001), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.001), X.XX=±0.05 (±0.0

ELECTRO-OPTICAL (	CHARACTER	RISTICS TA=25°C		$I_f = 20 \text{mA}$		
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND	_
PEAK WAVELENGTH		636		nm		
FORWARD VOLTAGE		2.0	2.6	Vf		
REVERSE VOLTAGE	5.0			$v_r$	Ir=100μA	
AXIAL INTENSITY		100		mcd	$I_f = 20 \text{mA}$	
VIEWING ANGLE		140		2x theta		
EMITTED COLOR:	RED					
FPOXY LENS FINISH	t: MILKY	WHITE DIFFUSED	)			

LIMITS OF SAFE OPERATION AT 25	56	
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	50	mW
DERATE FROM 25°C	- 1.2	mW/°C
OPERATING TEMP.	- 25 TO + 85	*C

- 30 TO +85

STORAGE TEMP.

## NOTES:

THE CATHODE IS ORIENTED
 TOWARDS THE TAPE SPROCKET HOLE.

CAUTION: MOISTURE SENSITIVE DEVICE PER JEDEC LEVEL 2 STANDARDS

Creating LED and LCD Solutions Together

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1.6mm x 0.8mm PCB CHIP, SURFACE MOUNT LED, 636nm AlinGaP RED, MILKY WHITE DIFFUSED LENS.

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

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UNCONTROLLED DOCUMENT DRAWN BY: DATE: 10.31.11 AΒ PAGE: 1 OF CHKD BY: SS SCALE: NTS APRVD BY: KF UNIT: mm [INCH] (Pb)

<sup>\*</sup> t<10µS

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