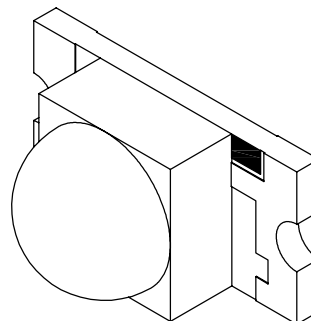
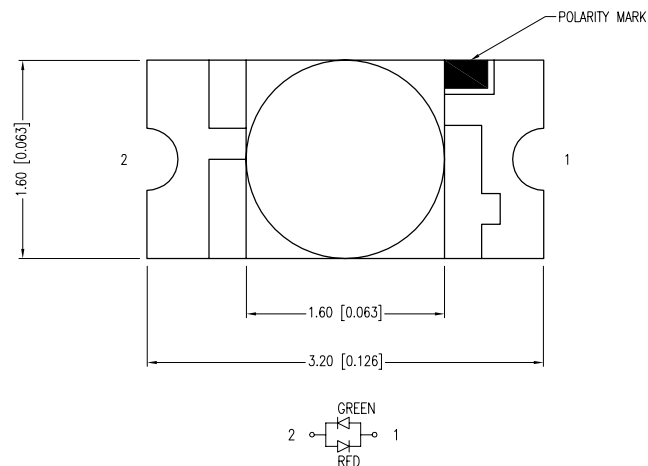




ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^\circ\text{C}$			$I_f=20\text{mA}$		
PARAMETER	MIN	TYP	MAX	UNITS	UNITS
PEAK WAVELENGTH (R/G)		627/565		nm	
FORWARD VOLTAGE (R/G)		2/2.2	2.5	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100 μ A
AXIAL INTENSITY (R/G)	7	20/30		mcd	I _f =20mA
VIEWING ANGLE		40		2x theta	
EMITTED COLOR:	RED/GREEN			°C	
EPOXY LENS FINISH:	WATER CLEAR				

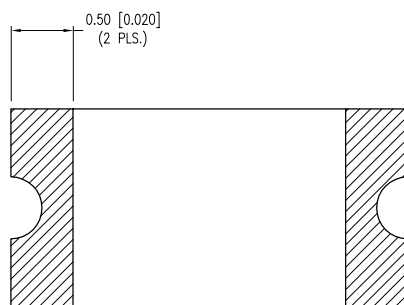
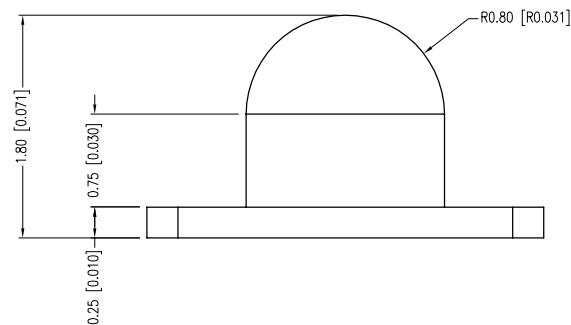
LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT* (R/G)	160/140	mA
STEADY CURRENT (R/G)	30/25	mA
POWER DISSIPATION (R/G)	75/62.5	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC. MAX.

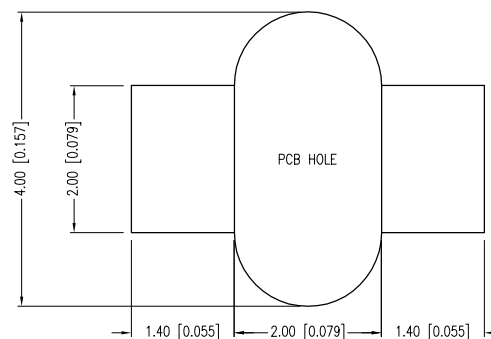
* $t < 10\mu\text{s}$

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.



RECOMMENDED PCB LAYOUT



*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} -0.00 MAX= ^{+DECIMAL PRECISION} -0.00

UNCONTROLLED DOCUMENT



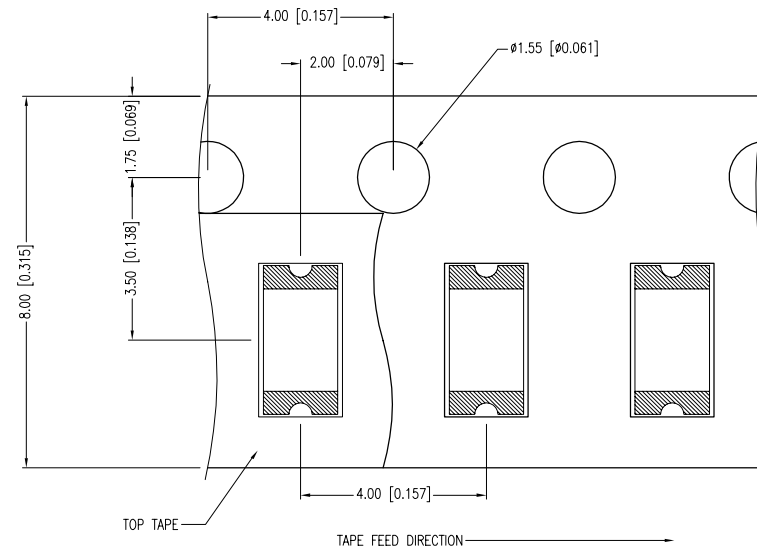
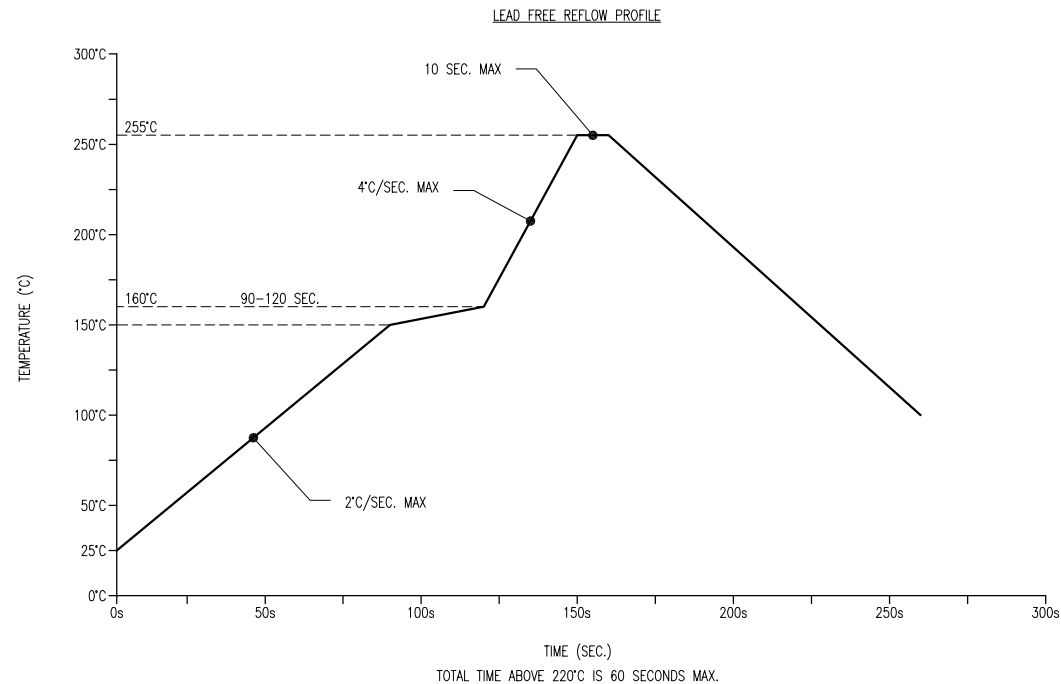
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PALATINE, IL 60067-6976
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3.2mm x 1.6mm PCB REVERSE MOUNT LED, 627/565nm RED/GREEN, WATER CLEAR LENS, TAPE & REEL.

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

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DATE:	06.23.11	DRAWN BY:	AB
PAGE:	1 OF 2	CHKD BY:	BC
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		Ⓟ



*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.= $\begin{matrix} +\text{DECIMAL PRECISION} \\ -0.00 \end{matrix}$ MAX.= $\begin{matrix} +0.00 \\ -\text{DECIMAL PRECISION} \end{matrix}$

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