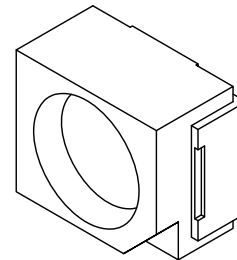
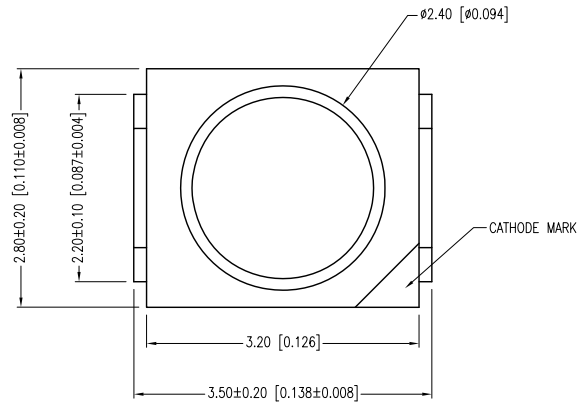


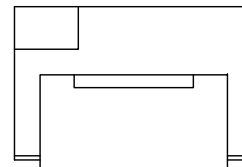
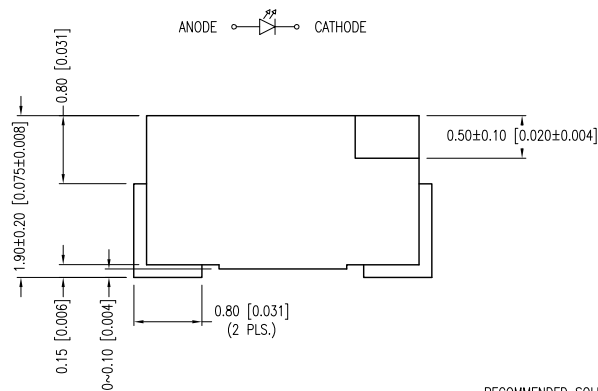
PRELIMINARY IN P/N DIR



ELECTRO-OPTICAL CHARACTERISTICS T _a =25°C If=20mA				
PARAMETER	MIN	TYP	MAX	UNITS TEST COND
PEAK WAVELENGTH		561		nm
FORWARD VOLTAGE	1.75		2.35	Vf
REVERSE VOLTAGE	5.0			Vr If=100μA
AXIAL INTENSITY	18		45	mcd If=20mA
VIEWING ANGLE		120		2x theta
EMITTED COLOR:	GREEN			
LENS FINISH:	WATER CLEAR			

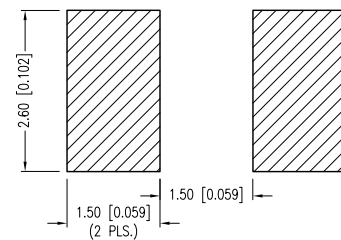
LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	120	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +100	°C
STORAGE TEMP.	-40 TO +110	°C

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

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 3 STANDARDS

RECOMMENDED SOLDER PAD 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= $\begin{matrix} +\text{DECIMAL PRECISION} \\ -0.00 \end{matrix}$ MAX= $\begin{matrix} +0.00 \\ -\text{DECIMAL PRECISION} \end{matrix}$

UNCONTROLLED DOCUMENT



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2.8mm X 3.2mm SML W/REFLECTOR, 565nm GREEN LED, 18-45mcd, WATER CLEAR LENS, TAPE & REEL.

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

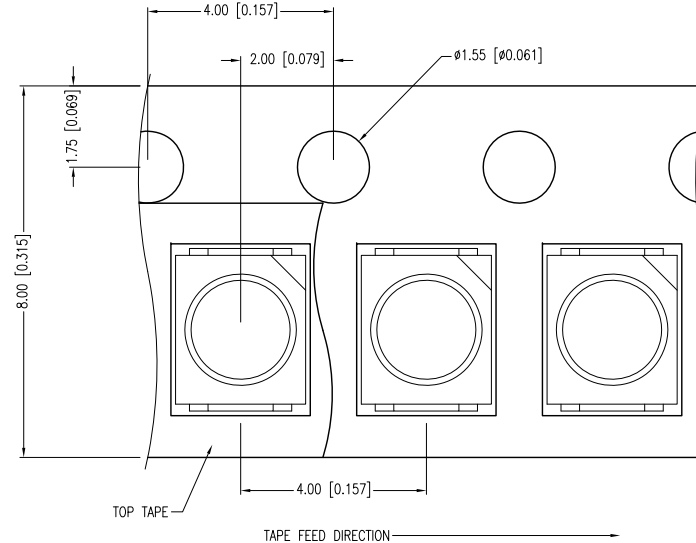
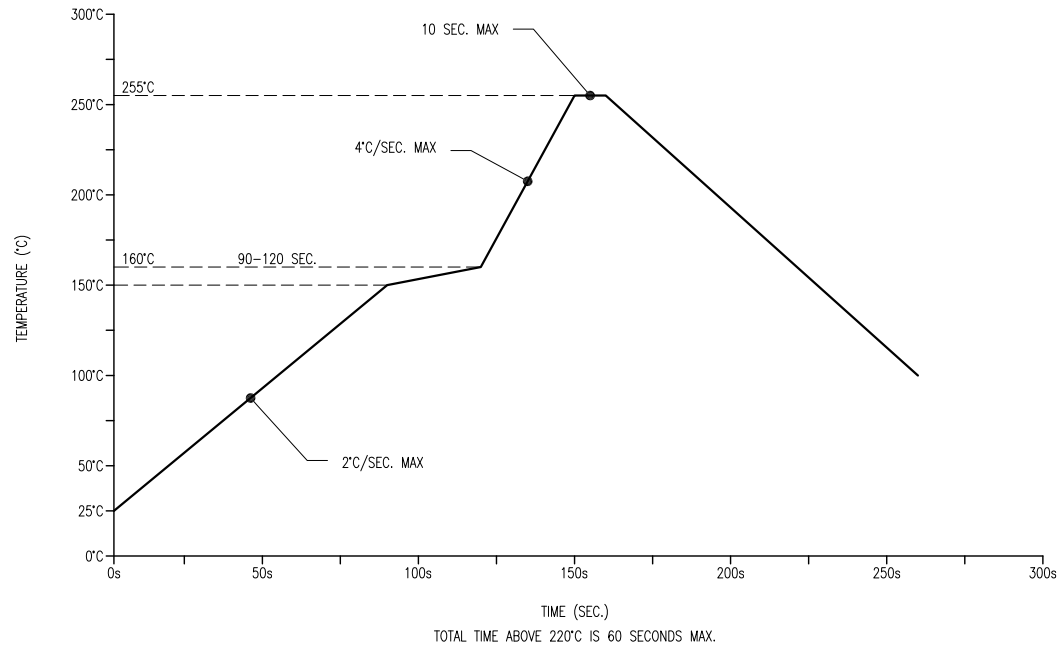
CONFIDENTIAL INFORMATION

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DATE: 07.23.14	DRAWN BY: MA
PAGE: 1 OF 2	CHKD BY: KF
SCALE: NTS	APRVD BY: —
UNIT: mm [INCH]	

PRELIMINARY IN P/N DIR
LEAD FREE REFLOW PROFILE



NOTES:

1. THE POLARITY MARK IS ORIENTED
TOWARDS THE TAPE SPROCKET HOLE.

*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}/_{-0.00} DECIMAL PRECISION MAX.= ^{+0.00}/_{-0.00} DECIMAL PRECISION

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