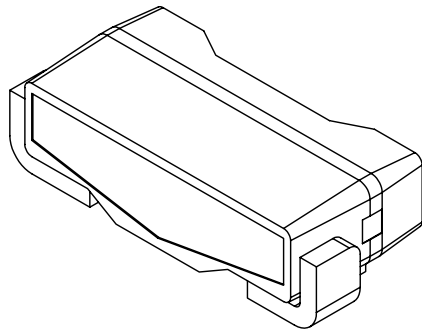
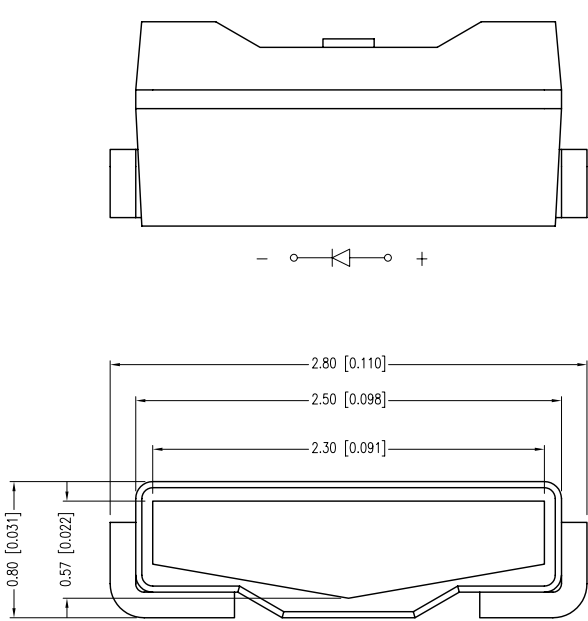
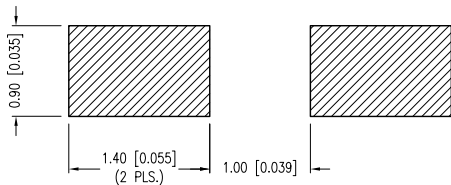


RECOMMENDED SOLDER PAD LAYOUT



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C					
PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH			—		nm
FORWARD VOLTAGE	Vf		3.30	4.0	Vf=20mA
REVERSE VOLTAGE	Vr	5.0			Vr=10µA
AXIAL INTENSITY*	Iv		500		mcd
CHROMATICITY	X		0.31		Iv=20mA
COORDINATES	Y		0.31		Iv=20mA
VIEWING ANGLE			110		2x theta
EMITTED COLOR:		WHITE			
LENS FINISH:		WATER CLEAR			

*AXIAL INTENSITY TESTING CONDITION 550nm WAVELENGTH.

**THE ICI STANDARD COLORIMETRIC SYSTEM.

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	120	mW
DERATE FROM 25°C	−1.2	mW/°C
OPERATING TEMP.	−40 TO +85	°C
STORAGE TEMP.	−40 TO +85	°C

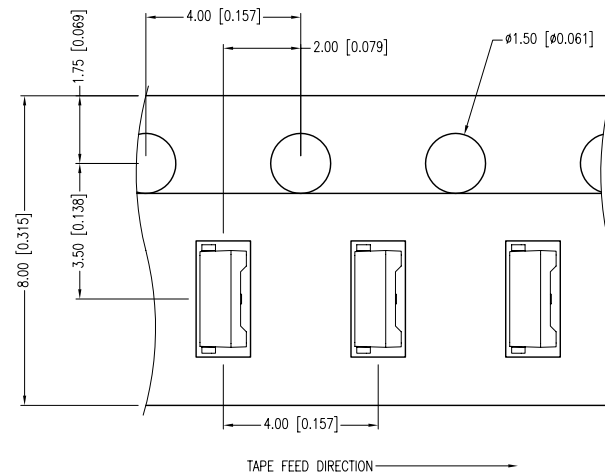
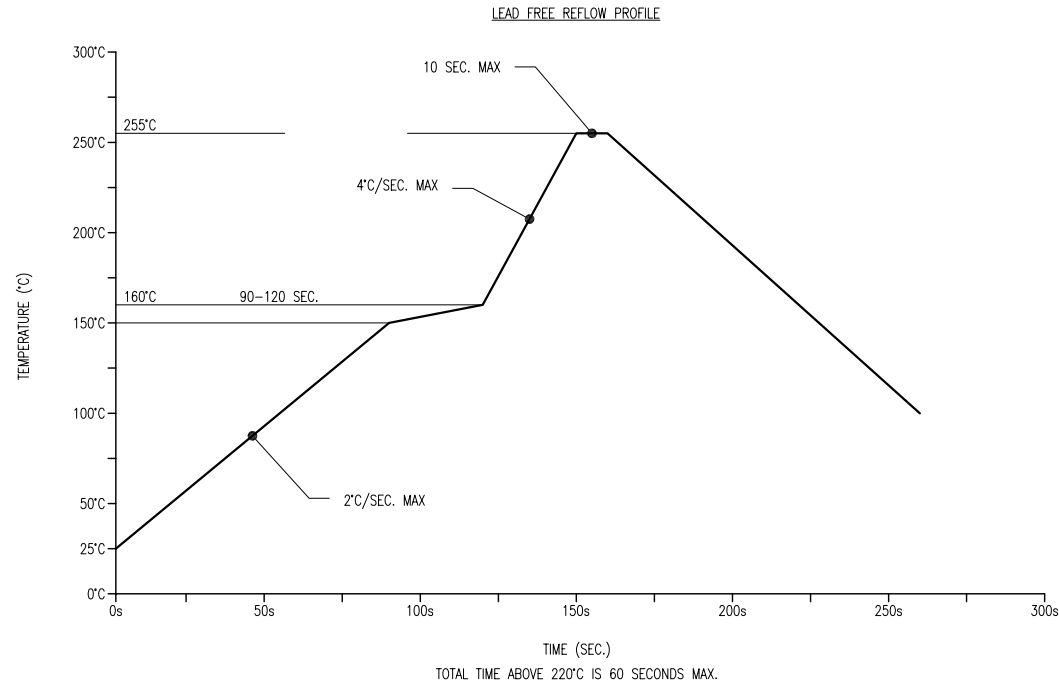
* t<10µs

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.= +DECIMAL PRECISION −0.00

DATE: 02.22.12	DRAWN BY: AB
PAGE: 3 OF 4	CHKD BY: KF
SCALE: NTS	APRVD BY: KF
UNIT: mm [INCH]	

NOTES:

- 2,000 PCS/REEL
- THE CATHODE 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= ^{+DECIMAL PRECISION} _{-0.00} MAX.= ^{+0.00} _{-DECIMAL PRECISION}

UNCONTROLLED DOCUMENT

2.8x0.8mm RIGHT ANGLE SURFACE MOUNT LED, InGaN WHITE, WATER CLEAR LENS.

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

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