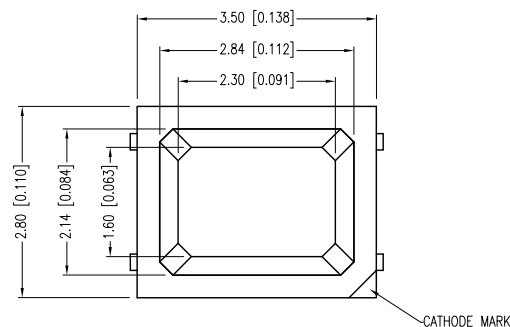
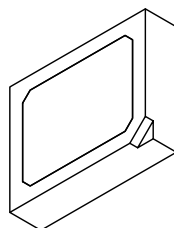
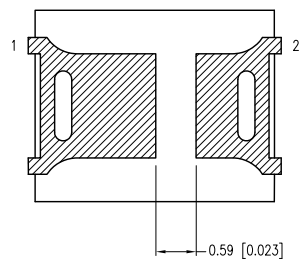
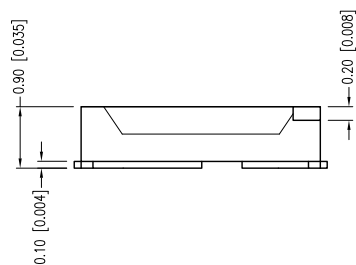




+10 → 2-



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=60mA					
PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS TEST COND
PEAK WAVELENGTH			-		nm
FORWARD VOLTAGE	Vf	2.8	3.2		Vf
REVERSE VOLTAGE	Vr	5.0			Vr If=10μA
LUMINOUS FLUX		20	25		lm If=60mA
COLOR TEMPERATURE			3200		°K
CHROMATICITY (X)			0.42		If=60mA
COORDINATES (Y)			0.41		If=60mA
VIEWING ANGLE			120		2x theta
EMITTED COLOR:	WARM WHITE				
LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

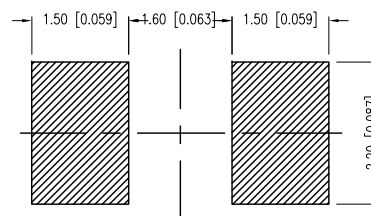
PARAMETER	MAX	UNITS
DC FORWARD CURRENT	60	mA
PEAK FORWARD CURRENT	140	mA
POWER DISSIPATION	180	mW
DERATE FROM 25°C	-1.25	mW/°C
OPERATING TEMP.	-40 TO +80	°C
STORAGE TEMP.	-40 TO +85	°C

*1/10 DUTY CYCLE, 0.1ms PULSE WIDTH.

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

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

UNCONTROLLED DOCUMENT



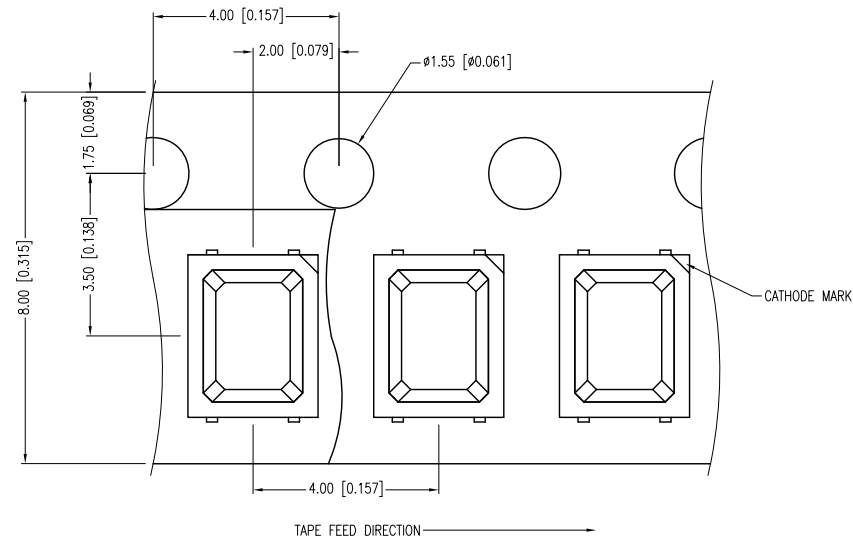
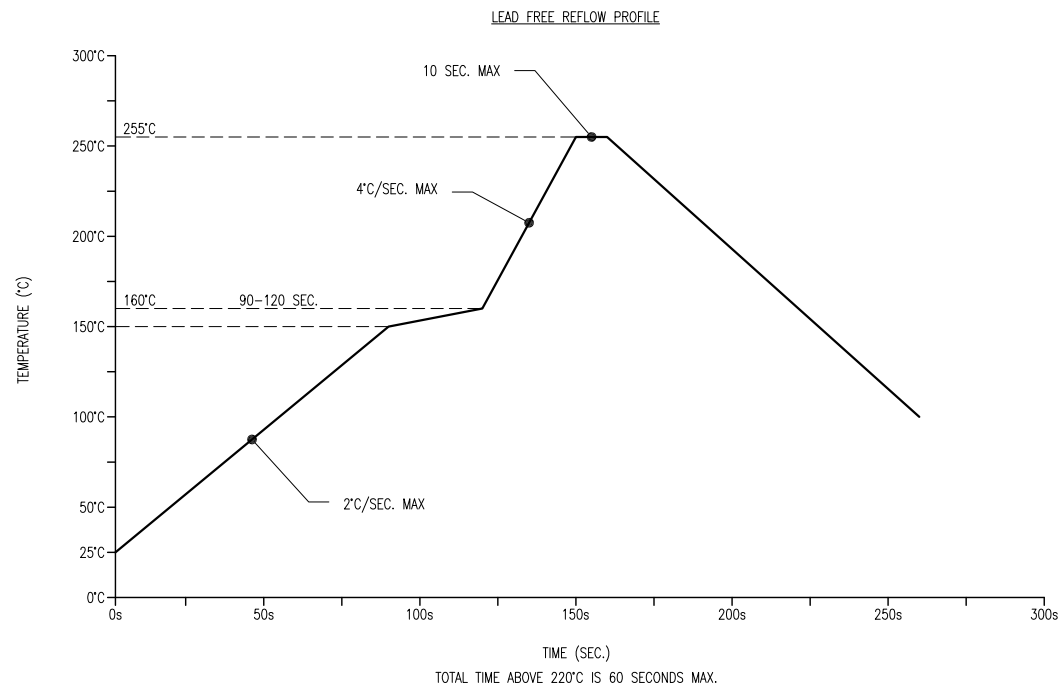
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MEMBER OF ITW PHOTONICS GROUP

3.5mm x 2.8mm 0.2W SMT LED, WARM WHITE, WATER CLEAR, TAPE & REEL.

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

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DATE:	02.05.13	DRAWN BY:	MA
PAGE:	1 OF 2	CHKD BY:	DT
SCALE:	NTS	APRVD BY:	DT
UNIT:	mm [INCH]		(P6)



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

UNCONTROLLED DOCUMENT

3.5mm x 2.8mm 0.2W SMT LED, WARM WHITE, WATER CLEAR, TAPE & REEL.

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