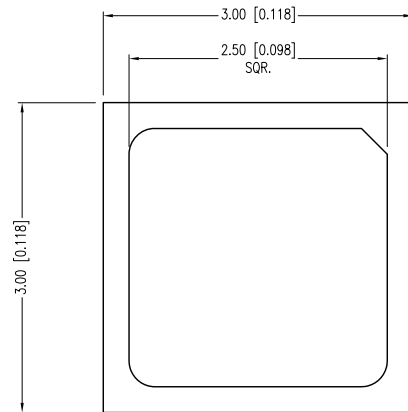


ELECTRO-OPTICAL CHARACTERISTICS TA =25°C If=150mA

PARAMETER	MIN	TYP.	MAX	UNITS	TEST COND
FORWARD VOLTAGE	5.8		7.0	Vf	If=150mA
LUMINOUS FLUX	95	106		lm	If=150mA
COLOR TEMP.	2870		3220	K	
CRI	80				If=150mA
EMITTED COLOR:	WARM WHITE				
EPOXY LENS FINISH:	WATER CLEAR				

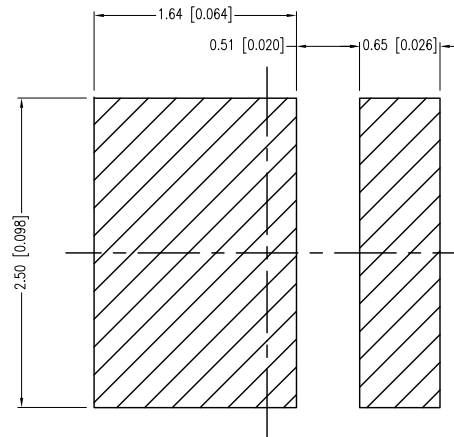
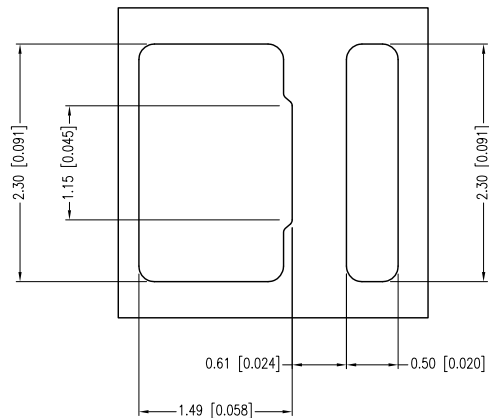
*THE ICI STANDARD COLORIMETRIC SYSTEM.

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	300	mA
STEADY CURRENT	240	mA
POWER DISSIPATION	1	W
THERMAL RESISTANCE	15	°C/W
MAX JUNCTION TEMP.	115	°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +100	°C

*DUTY CYCLE 1/10 PULSE WIDTH @10ms

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

UNCONTROLLED DOCUMENT



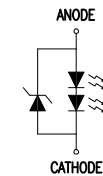
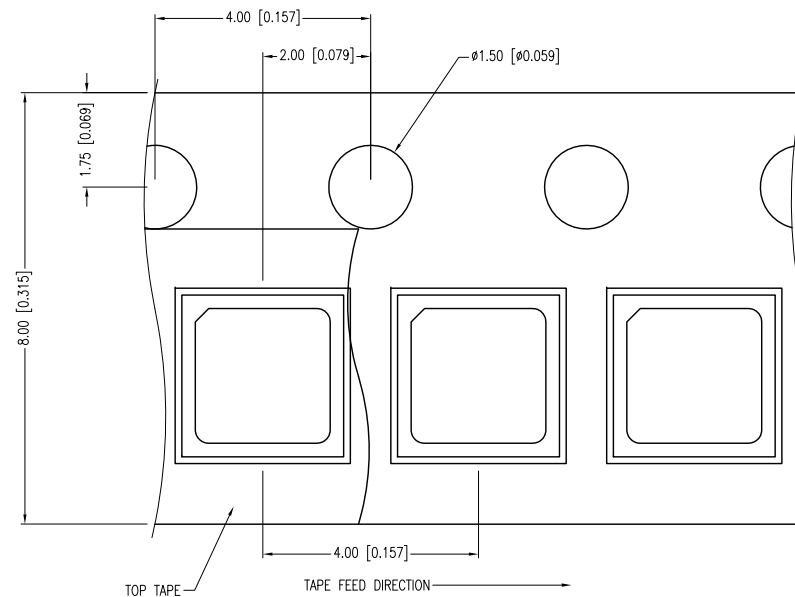
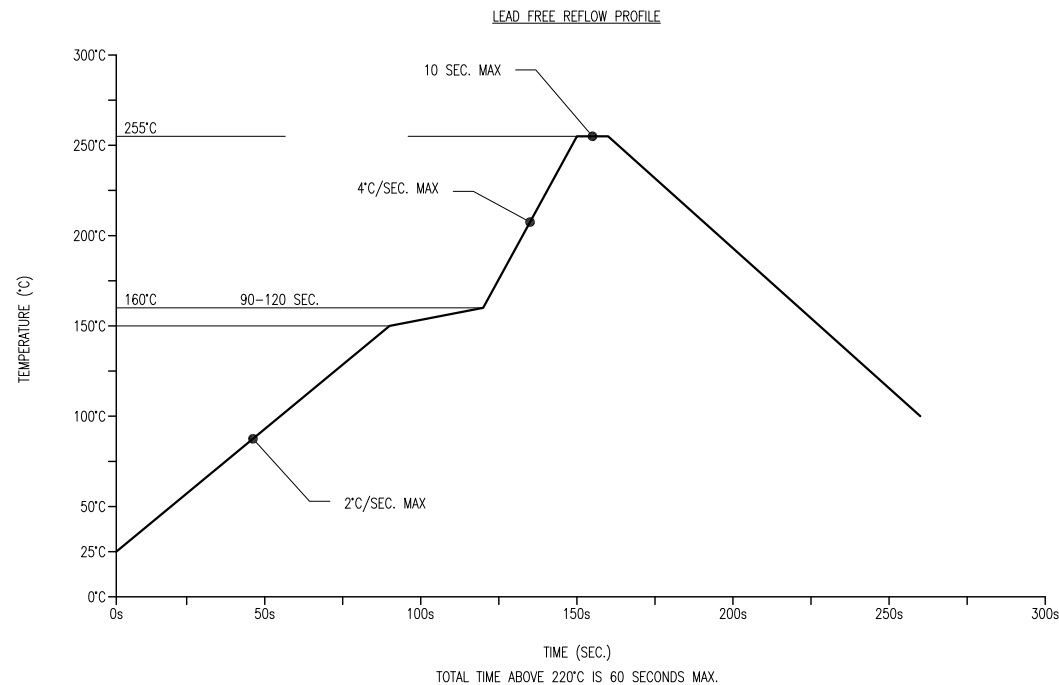
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MEMBER OF ITW PHOTONICS GROUP

3.0mm X 3.0mm 1.0W SMD LED, WARM WHITE, WATER CLEAR, TAPE AND REEL.

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

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DATE:	04.14.14	DRAWN BY:	MA
PAGE:	1 OF 2	CHKD BY:	KF
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= ^{+0.00}/_{-0.00} DECIMAL PRECISION MAX.= ^{+0.00}/_{-0.00} DECIMAL PRECISION

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