

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=150mA					
PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS TEST COND
PEAK WAVELENGTH			-		nm
FORWARD VOLTAGE	Vf		3.3	3.5	Vf
REVERSE VOLTAGE	Vr	5.0			Vr If=100µA
LUMINOUS FLUX		52	58	60	lm If=150mA
COLOR TEMPERATURE		5700	5850	6020	°K
VIEWING ANGLE			120		2x theta
EMITTED COLOR:	COOL WHITE				
LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
DC FORWARD CURRENT	180	mA
STEADY CURRENT	300	mA
POWER DISSIPATION	500	mW
DERATE FROM 25°C	-1.25	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +100	°C

THERMAL PARAMETERS		
PARAMETER	VALUE	UNITS
JUNCTION TEMPERATURE	115	°C
THERMAL RESISTANCE	20	°C/W

CIE X	CIE Y
0.321	0.335
0.322	0.324
0.329	0.331
0.329	0.342

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

*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}



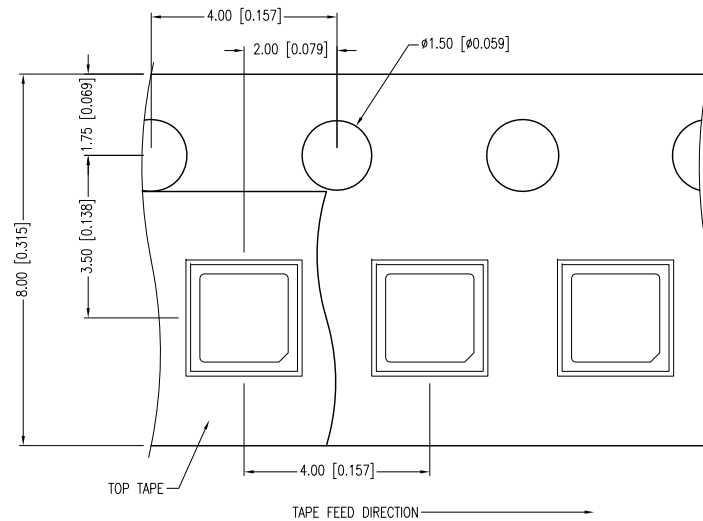
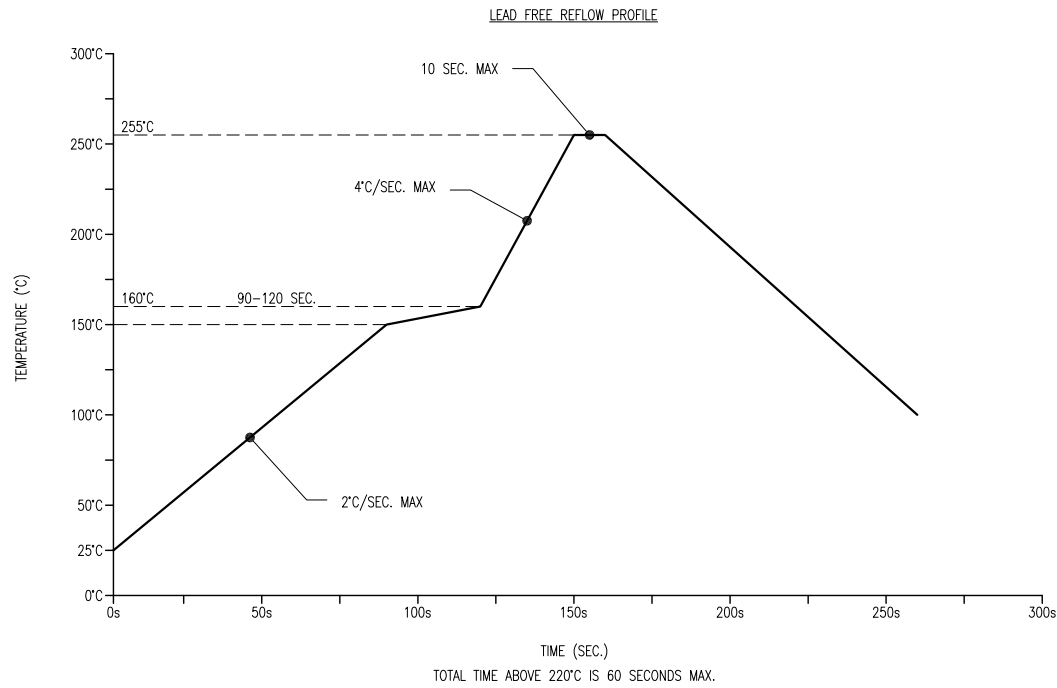
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MEMBER OF ITW PHOTONICS GROUP

2.3 x 2.3mm 0.5W SMT LED, COOL 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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PAGE:	1 OF 2	CHKD BY:	DT
SCALE:	NTS	APRVD BY:	DT
UNIT:	mm [INCH]		Ⓟ



NOTES:
1. 4,000 PCS. PER REEL.

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UNCONTROLLED DOCUMENT



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