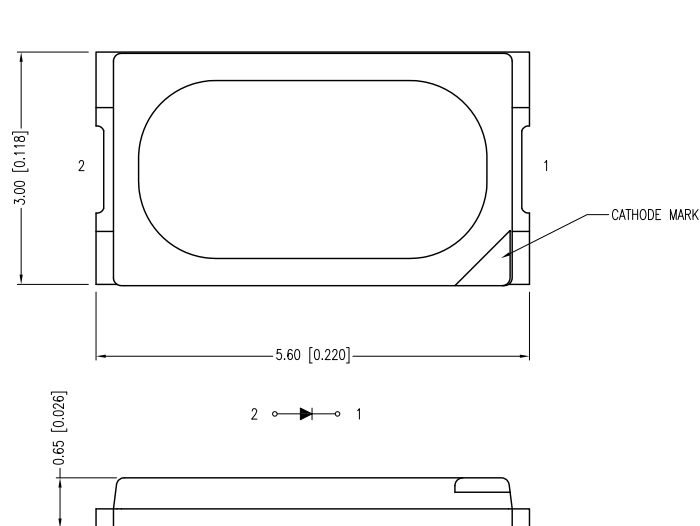


ELECTRO-OPTICAL CHARACTERISTICS TA =25°C If= 150mA

PARAMETER	MIN	TYP.	MAX	UNITS	TEST COND
PEAK WAVELENGTH		--		nm	
FORWARD VOLTAGE	2.8		3.5	Vf	If=150mA
REVERSE VOLTAGE	5.0			Vr	Ir=50μA
LUMINOUS FLUX	40		70	lm	If=150mA
CHROMATICITY (X)		0.32			If=60mA
COORDINATES (Y)**		0.34			
VIEWING ANGLE		120		2x theta	
EMITTED COLOR:	WHITE				
EPOXY LENS FINISH:	WATER CLEAR				

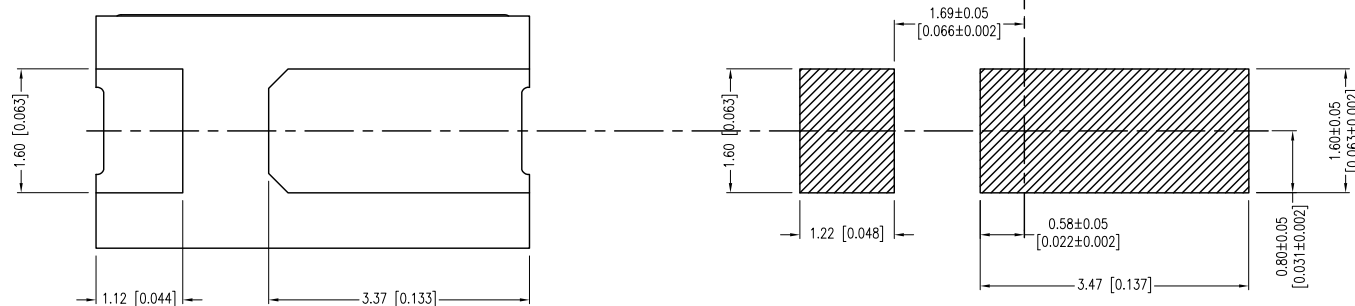
*AXIAL INTENSITY TESTING CONDITION 550nm WAVELENGTH.

**THE ICI STANDARD COLORIMETRIC SYSTEM.

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
DC FORWARD CURRENT*	180	mA
PEAK FORWARD CURRENT*	300	mA
STEADY CURRENT	180	mA
POWER DISSIPATION	630	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +100	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	10	SEC. MAX.

*DUTY CYCLE 1/10 PULSE WIDTH @10ms



*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 -DECIMAL PRECISION

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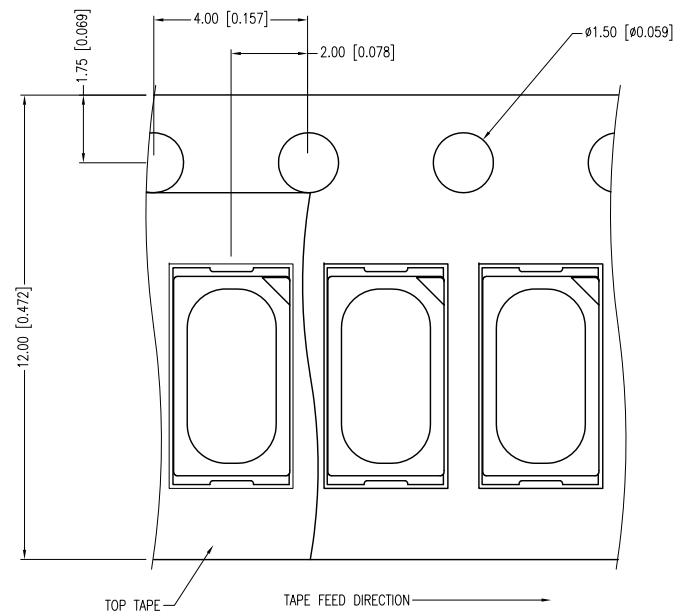
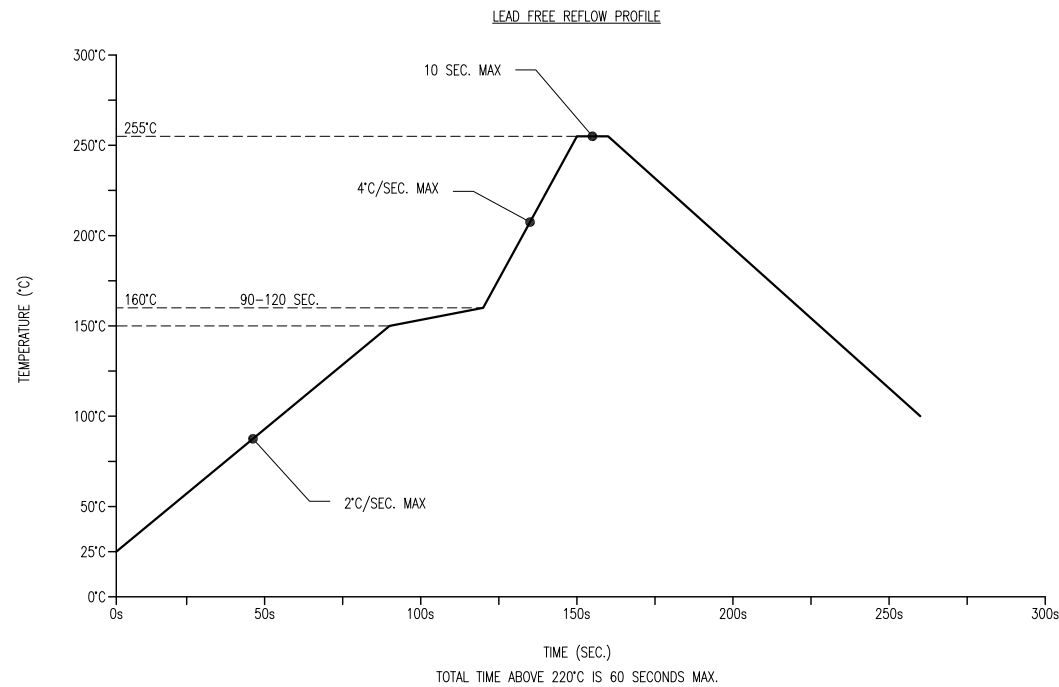
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3x5mm SMD LED, WHITE.

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:	AA
SCALE:	NTS	APRVD BY:	AA
UNIT:	mm [INCH]		Ⓟ



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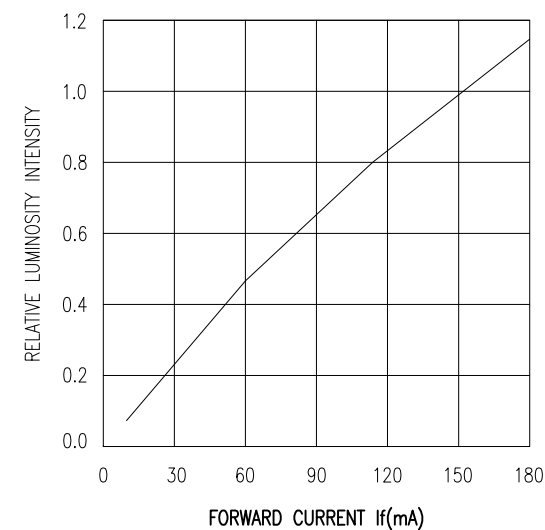
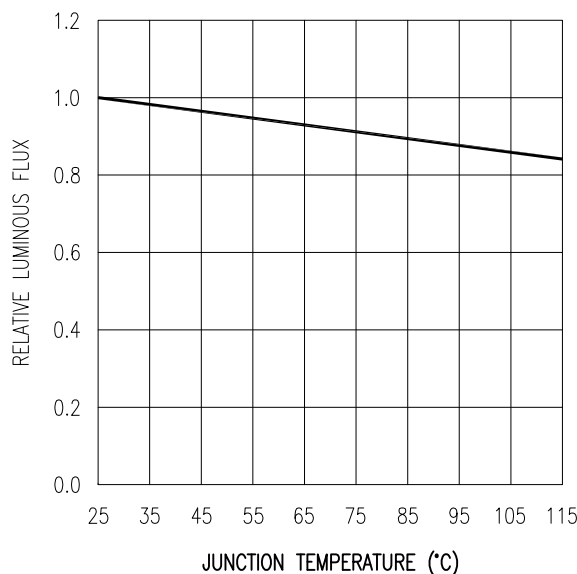
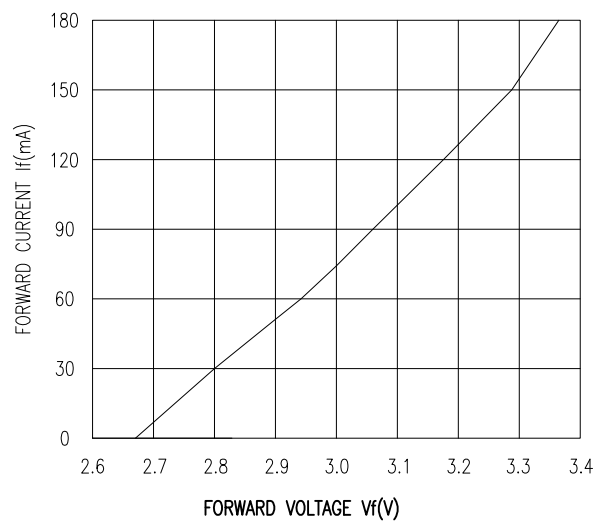
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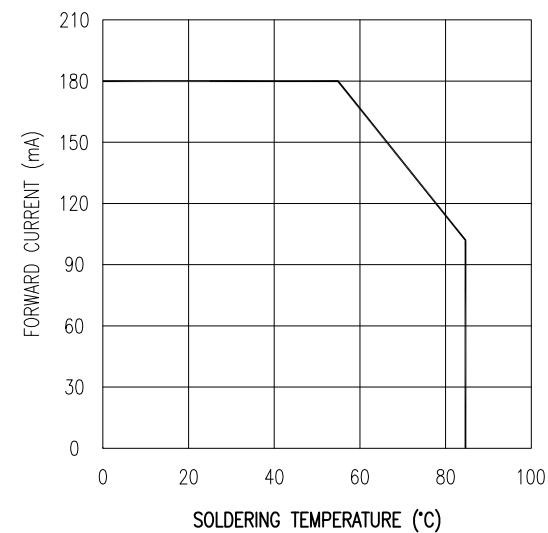
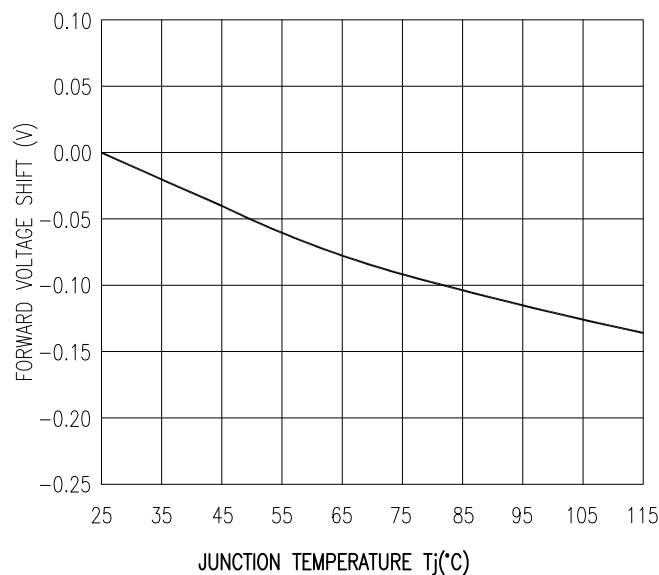
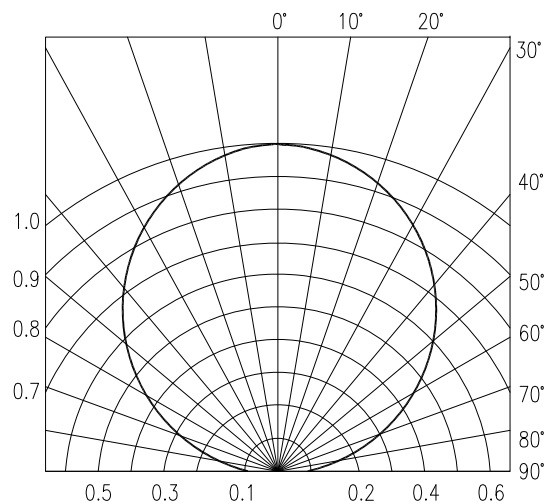
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RADIATION DIAGRAM



*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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SCALE:	NTS	APRVD BY:	AA
UNIT:	mm [INCH]		Ⓟ