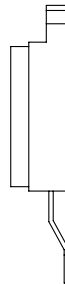
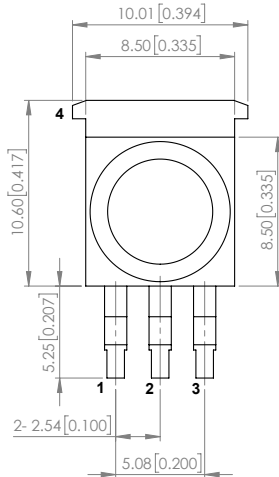
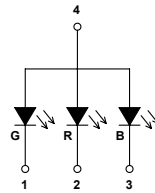


POLARITY



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER		MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	R	-	625	-	nm	If=300mA
	G	-	525	-		If=350mA
	B	-	470	-		
FORWARD VOLTAGE	R	-	2.1	2.79	Vf	If=350mA
	G	-	3.5	3.99		
	B	-	3.5	3.99		
TOTAL FLUX	R	-	35	-	lm	If=300mA
	G	-	80	-		If=350mA
	B	-	30	-		
VIEWING ANGLE		-	110	-	2x theta1/2	-
EMITTED COLOR	RED / GREEN / BLUE					
EPOXY LENS FINISH	WATER CLEAR					

ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT (R/G/B)*	350 / 500 / 500	mA
FORWARD CURRENT (R/G/B)	300 / 350 / 350	mA
REVERSE VOLTAGE	5	V
JUNCTION TEMPERATURE	120	°C
STORAGE TEMPERATURE	-40 TO +85	°C
OPERATING TEMPERATURE	-40 TO +85	°C
SOLDERING TEMPERATURE**	3 SEC. MAX. @260	°C

*t<10us

**2.0mm FROM BODY

MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 4 STANDARDS

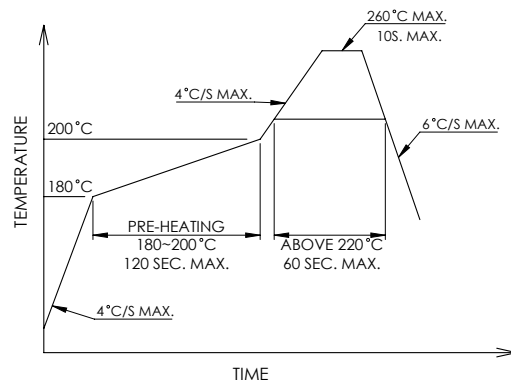
STATIC DEVICE FOLLOW PROPER
E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART

NOTE:

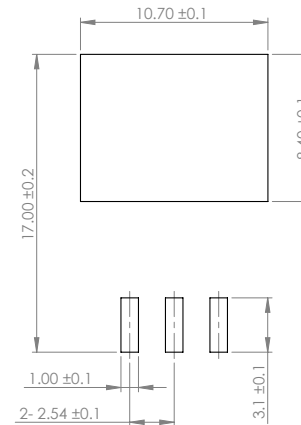
1. RoHS COMPLIANT.

*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 MAX= ^{0.00} DECIMAL PRECISION

PROFILE



RECOMMENDED SOLDER PAD LAYOUT



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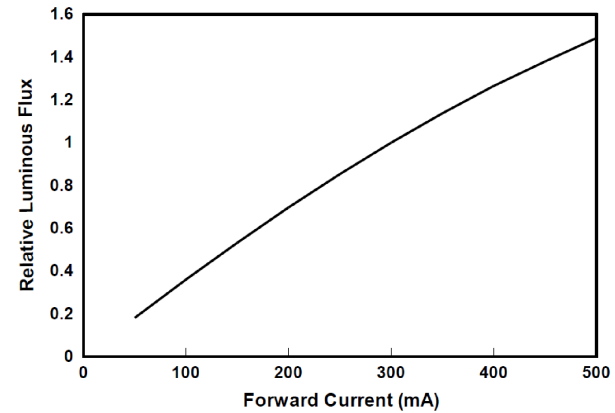
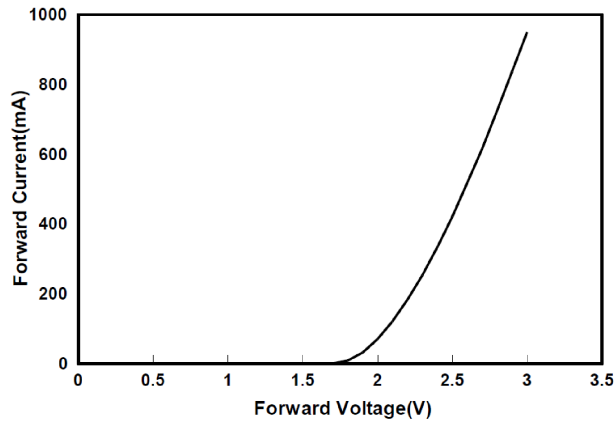
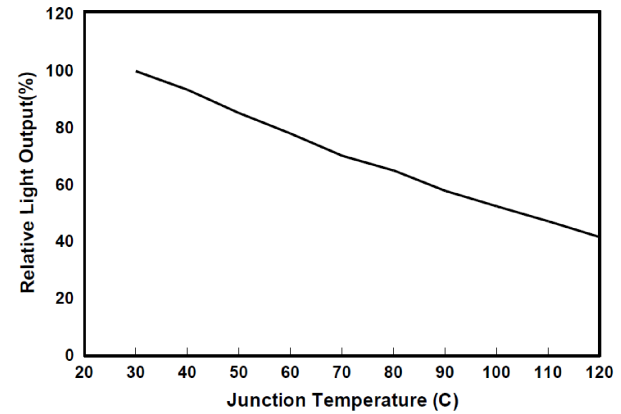
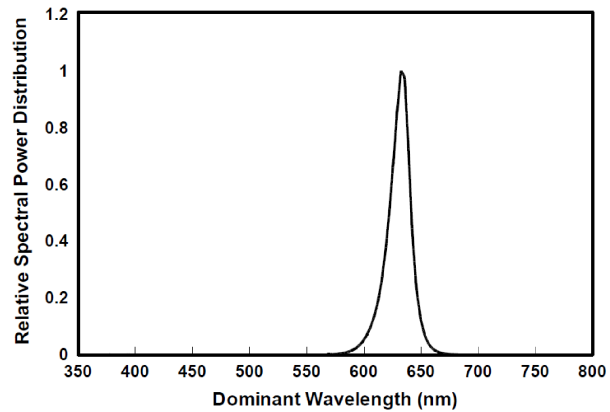
10.0L*10.60W*3.30H, HIGH POWER LED, RGB LEDS, WATER CLEAR LENS.

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

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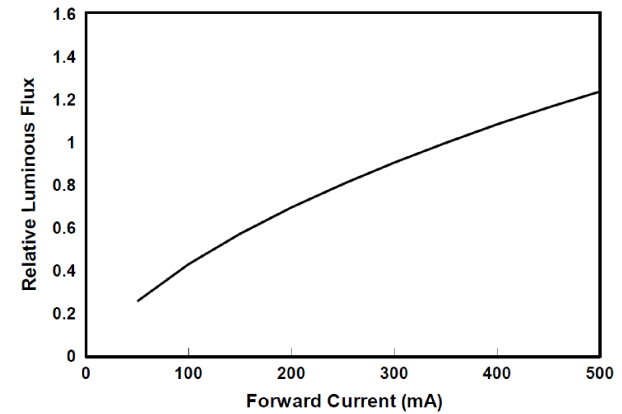
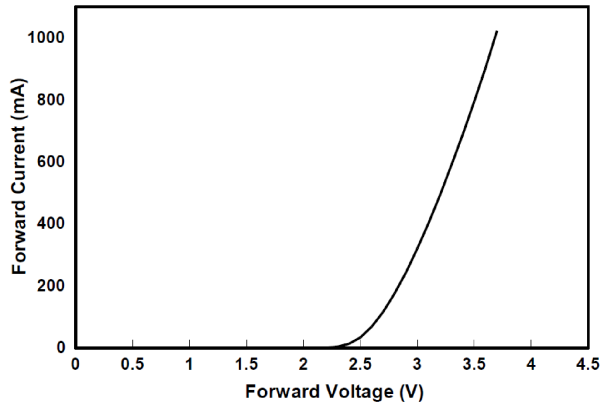
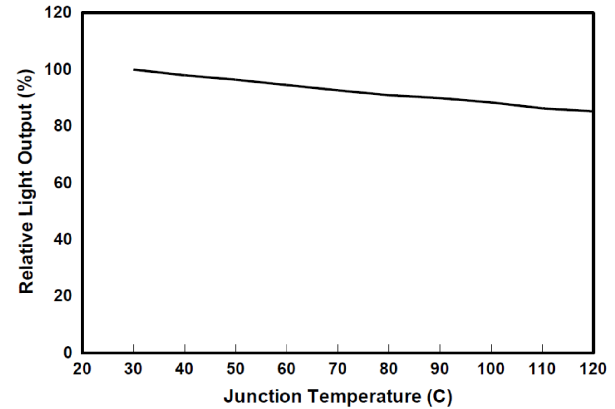
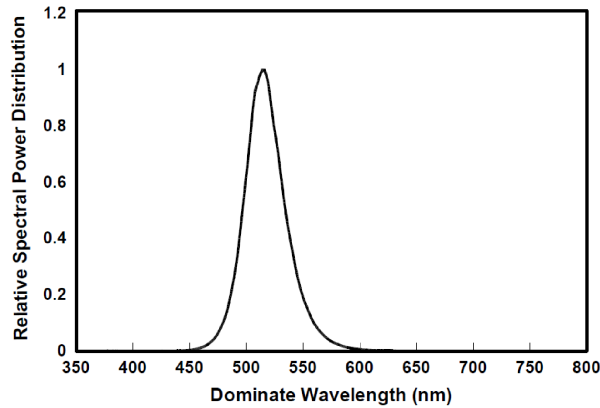
DATE : 2017.10.06	DRAWN BY : C.C.
PAGE : 2 OF 5	CHKD BY : G.Y.
SCALE : NTF	APRVD BY : E.C.
UNIT : mm [INCH]	

RED LED CHARACTERISTICS CURVES



*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= ^{DECIMAL PRECISION} 0.00

GREEN LED CHARACTERISTICS CURVES



*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 MAX= ^{0.00} DECIMAL PRECISION



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10.0L*10.60W*3.30H, HIGH POWER LED, RGB LEDS, WATER CLEAR LENS.

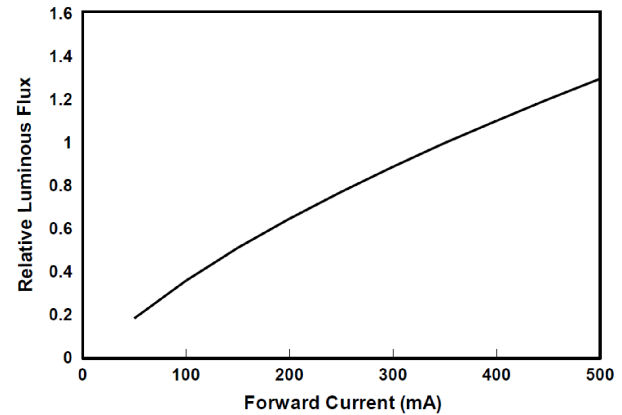
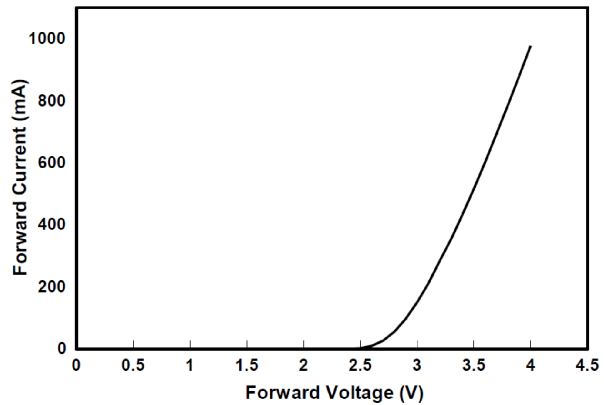
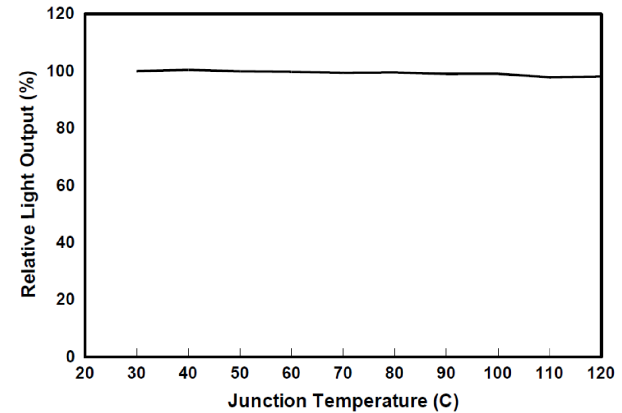
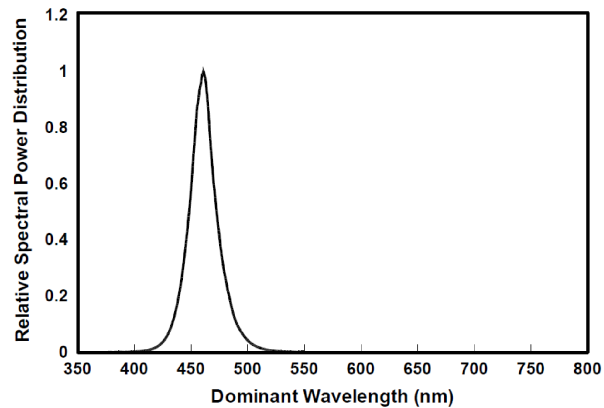
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UNIT : mm [INCH]	

BLUE LED CHARACTERISTICS CURVES



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