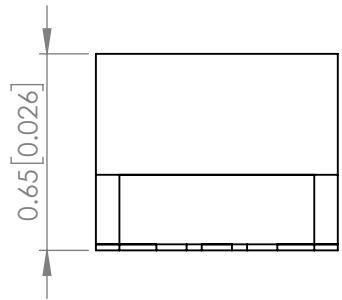
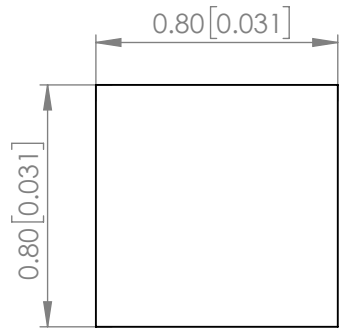
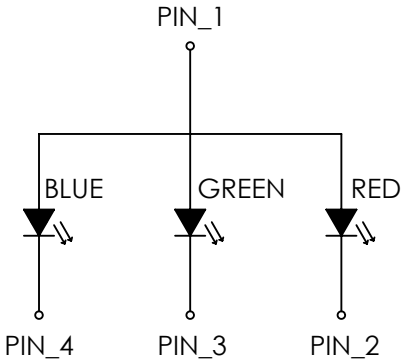




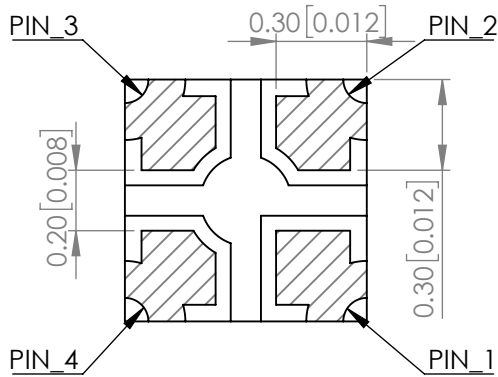
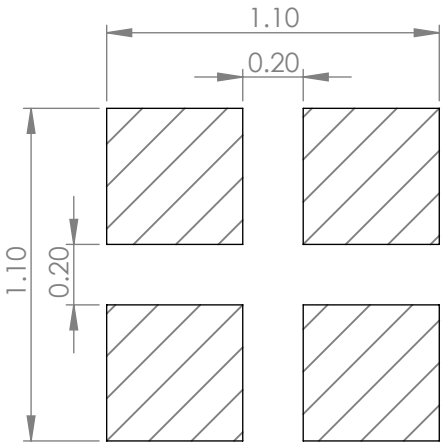
POLARITY



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER		MIN	TYP	MAX	UNITS	TEST COND
PEAK WAELENGHT	R	-	625	-	nm	If=3mA
	G	-	525	-		If=5mA
	B	-	465	-		If=5mA
FORWARD VOLTAGE	R	-	2.0	2.4	Vf	If=3mA
	G	-	2.9	3.2		If=5mA
	B	-	2.9	3.2		If=5mA
REVERSE VOLTAGE (R/G/B)		-	-	5	Vr	Ir=10uA
LUMINOUS INTENSITY	R	12	-	20	mcd	If=3mA
	G	61	-	104		If=5mA
	B	9	-	25		If=5mA
VIEWING ANGLE		-	120	-	2x theta1/2	-
EMITTED COLOR		R/G/B				
EPOXY LENS FINISH		CLEAR LENS (TINTED) WITH TEXTURED FINISH TOP				

RECOMMENDED SOLDER PAD LAYOUT



ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT (R/G/B)*	20/20/20	mA
FORWARD CURRENT (R/G/B)	10/10/10	mA
POWER DISIPATION (R/G/B)	24/31/31	mW
STORAGE TEMPERATURE	-40 TO +90	°C
OPERATING TEMPERATURE	-40 TO +85	°C

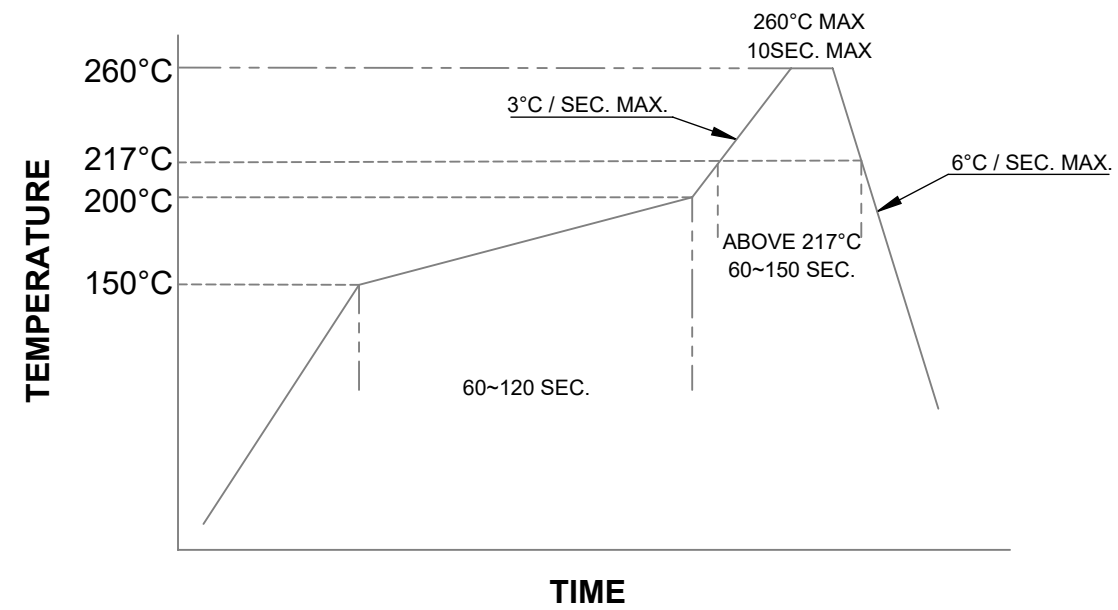
*t<10us

NOTE:

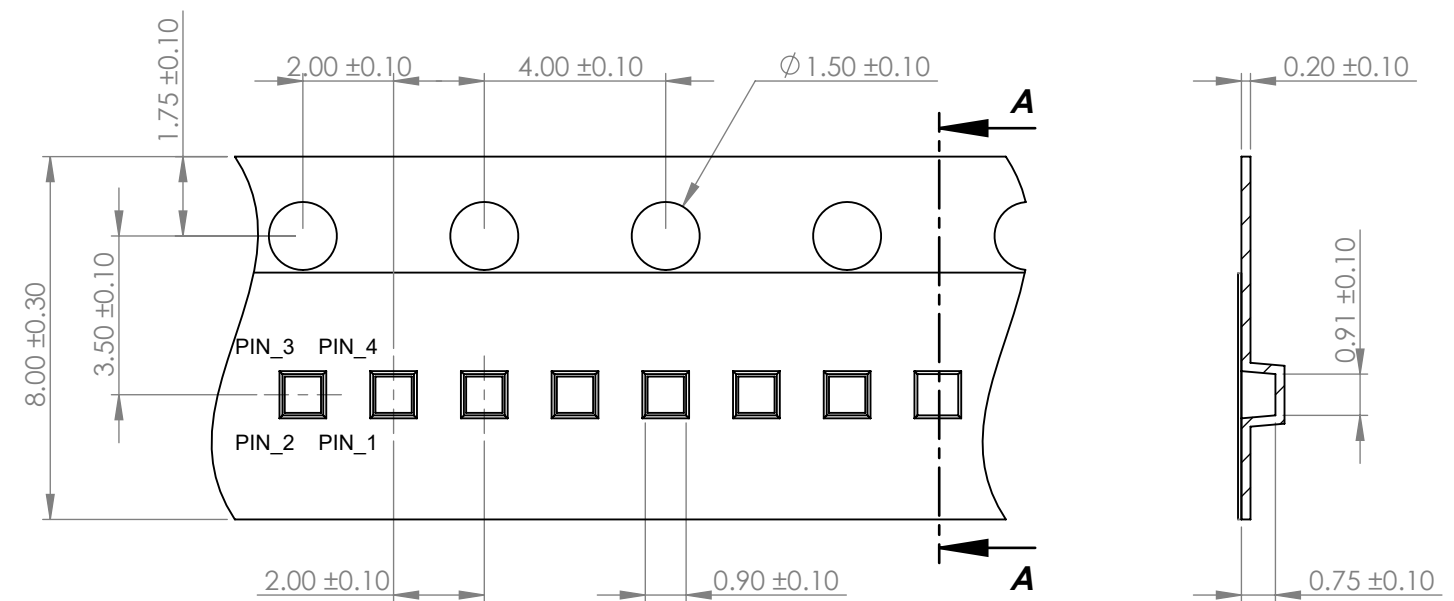
- 1. RoHS compliant.
- 2. Compliance Halogen Free.

*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}

PROFILE



CARRIER TAPE DIMENSION



SECTION A-A

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



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0.8(L)*0.8(W)*0.65(H)mm, SURFACE MOUNT LED, AlInGaP RED/InGaN GREEN/InGaN BLUE LED, CLEAR LENS (TINTED), TAPE & REEL

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

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DATE : 2017.07.05

DRAWN BY : E.C.

PAGE : 2 OF 2

CHKD BY : G.Y.

SCALE : NTF

APRVD BY : R.C.

UNIT : mm [INCH]

