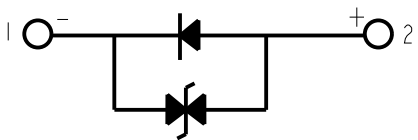
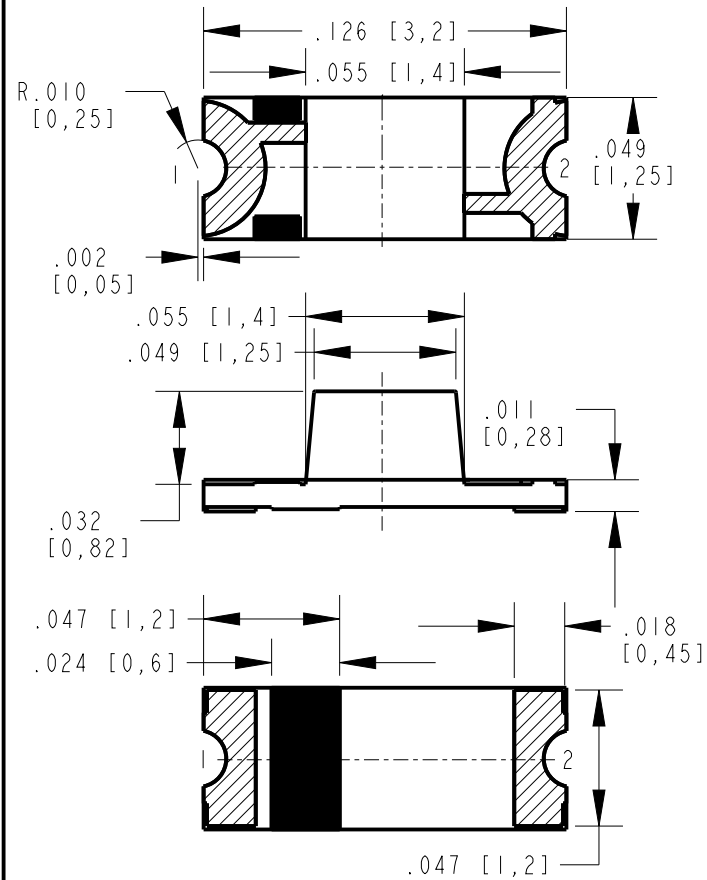
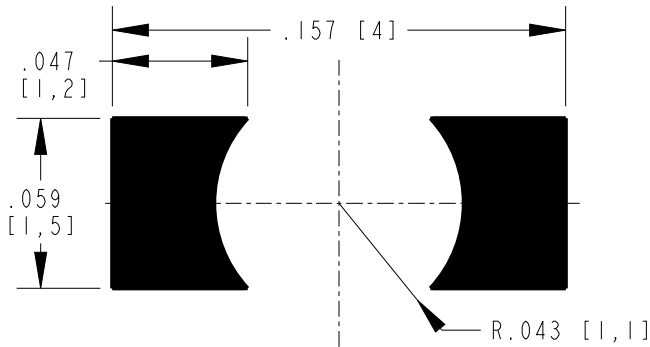


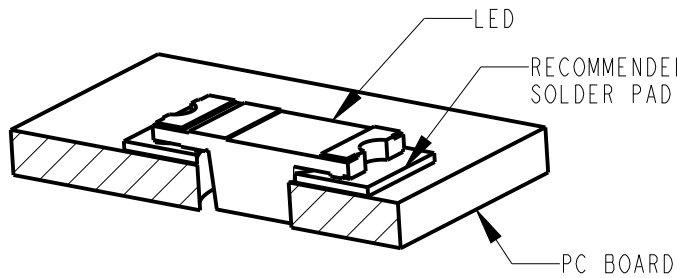
DIALIGHT PART NO.	LED COLOR
598-2K00-107F	WHITE
598-2K00-102F	(X=0.30,Y=0.30)



LED SCHEMATIC



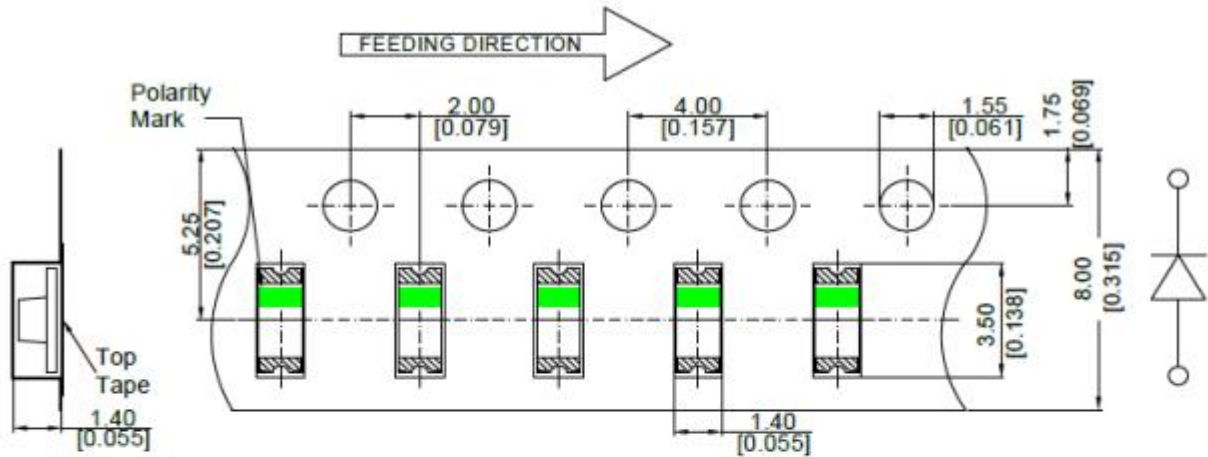
RECOMMENDED SOLDER PAD LAYOUT



NOTES:

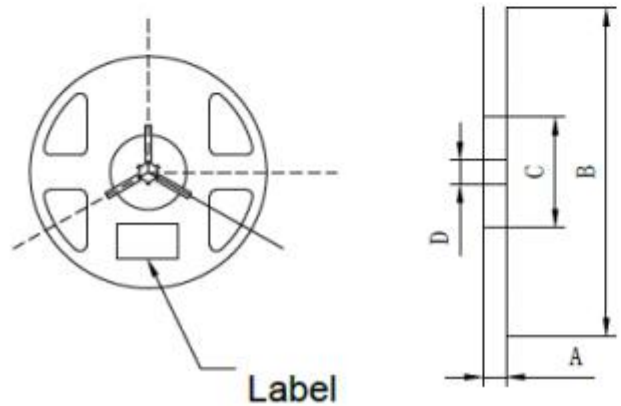
- PIN NUMBERS ARE FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.
- LABELING FOR REEL AND OUTSIDE OF ALUMINUM BAG, DIALIGHT P/N, QUANTITY PER REEL, DATE CODE, INTENSITY BIN CODE, LOT NUMBER AND COUNTRY OF ORIGIN.
- THIS PRODUCT IS RoHS COMPLIANT. EACH BAG IS TO BE MARKED WITH RoHS COMPLIANT LABEL OR EQUIVALENT MARKINGS. LED MUST BE Pb FREE.
- MOISTURE SENSITIVITY LEVEL 3.
- QUANTITY : PART NUMBERS END WITH 107F REFER AS 3000 PCS/ REEL
PART NUMBERS END WITH 102F REFER AS 20 PCS/ STRIP

Carrier Tape Dimension



TAPING SPECIFICATIONS

Reel Dimension



TOLERANCE (UNLESS OTHERWISE SPECIFIED): $\pm 0.003 (\pm 0.1 \text{ mm})$

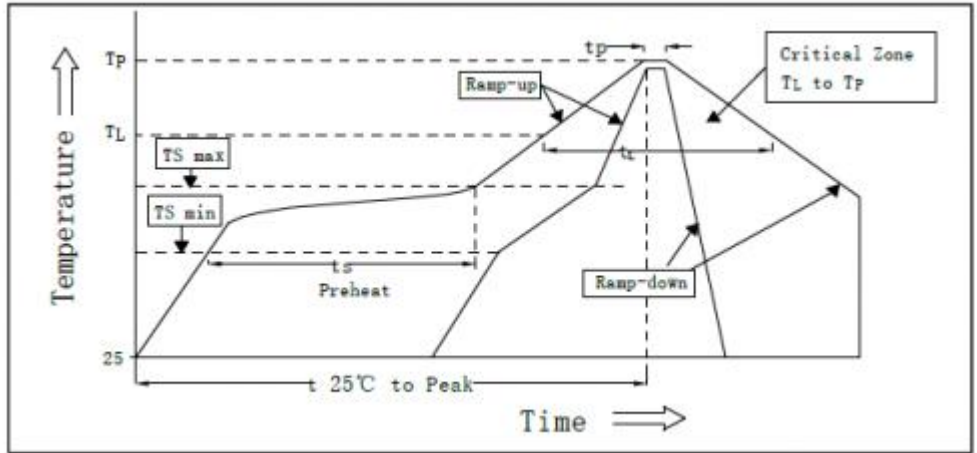
A	8.0±0.1mm
B	178±1mm
C	60±1mm
D	13.0±0.5mm

ABSOLUTE MAXIMUM RATINGS AT 25°C							
LED COLOR	POWER DISSIPATON (mW)	FORWARD CURRENT (mA)	PEAK FORWARD CURRENT (mA)	OPERATING TEMPERATURE (°C)	STORAGE TEMPRATURE (°C)	DERATING CURVE FROM 25°C (mA/°C)	ELECTROSTATIC DISCHARGE (V)
WHITE	68	20	60	-40°C TO +85°C	-40°C TO +85°C	0.250	5000

OPERATING CHARACTERISTICS AT 25°C AMBIENT									
LED COLOR	TEST CONDITION (mA)	LUMINOUS INTENSITY (mcd)		FORWARD VOLTAGE (V)		CHROMATICITY COORDINATES (CALCULATED)	REVERSE CURRENT (uA)	VIEWING ANGLE (DEGREES)	THERMAL RESISTANCE °C/W
	TYP	MIN	MAX	MIN	MAX	TYP	MAX	TYP	MAX
WHITE	5mA	100	350	2.6	3.4	X=0.300 Y=0.302	10µA @ VR=5V	140	450

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	106343	NEW RELEASE	JSG	CS	NO	02JUN23

RECOMMENDED RoHS SOLDER PROFILE



MARK	DEFINITION	CONDITION
TS _{max}	MAXIMUM OF PRE-HEATING TEMPERATURE	200°C
TS _{min}	MINIMUM OF PRE-HEATING TEMPERATURE	150°C
T _s	TIME FORM T _{smin} To T _{smax}	60s-120s
T _L	REFERENCE TEMPERATURE	217°C
t _L	RETENTION TIME FOR T _L	60s-150s
T _P	PEAK TEMPERATURE	260°C
t _p	TIME FOR PEAK TEMPERATURE	WITHIN 10s
DTr/Dt	TEMPERATURE RISING RATE	WITHIN 3°C/sec
DTd/Dt	TEMPERATURE DECREASING RATE	WITHIN 6°C/sec



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

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DIALIGHT CORP INTERNAL REFERENCE ONLY = 3D MODEL : 4500521862823- .2			
SCALE: 15.00		DRAWING NUMBER	
ALL DIM's: INCH (mm)		REV	
TOLERANCES: UNLESS OTHERWISE SPECIFIED		A	
FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°		C-18668	
FINISH		TITLE	
-		1206 REVERSE MOUNT WHITE LED	
		MATERIAL	
		-	
FSCM 83330		Dialight	
		1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 (732) 919-3119 www.dialight.com	
		SHEET 1 OF 1 FAMILY TABLE:	