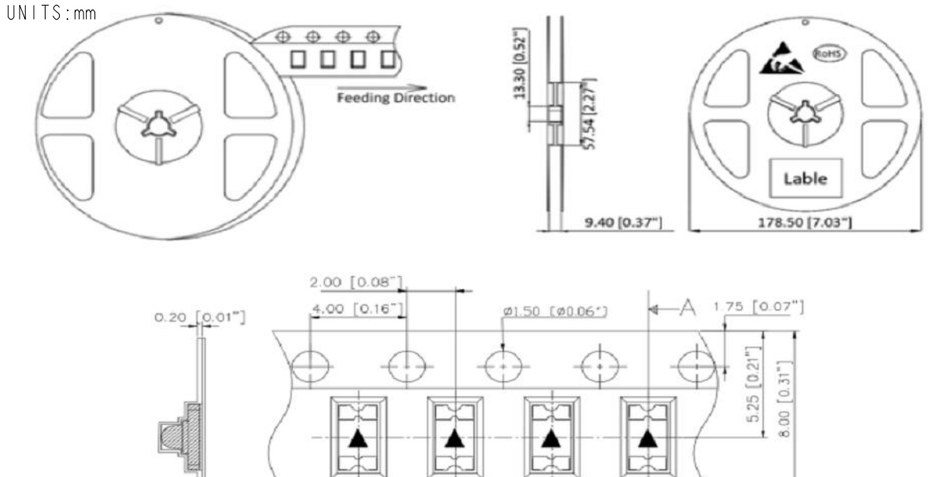
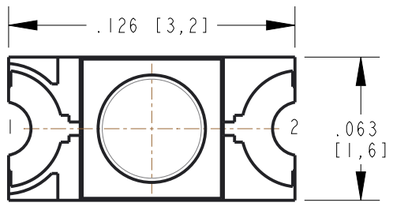
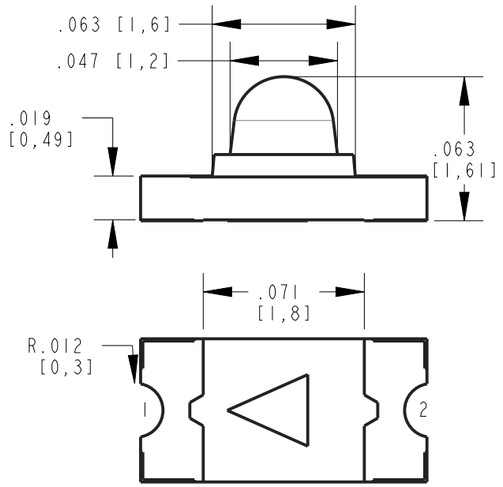
PART NUMBER	LED COLOR TYP(nm)
597-6222-107F	ORANGE(605)
597-6232-107F	YELLOW (589)
597-6502-107F	YELLOW GREEN (571)
597-6322-107F	GREEN (525)
597-6602-107F	BLUE (469)

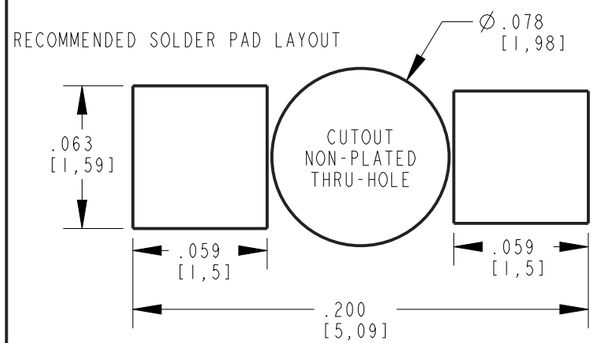
REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	98364	NEW RELEASE	JSG	CS	NO	120CT22
B	144680	REVISED SOLDER PAD LAYOUT, REMOVED -102F PART NUMBERS	LD	CS		8-26-26

PACKAGE DIMENSIONS OF TAPE AND REEL





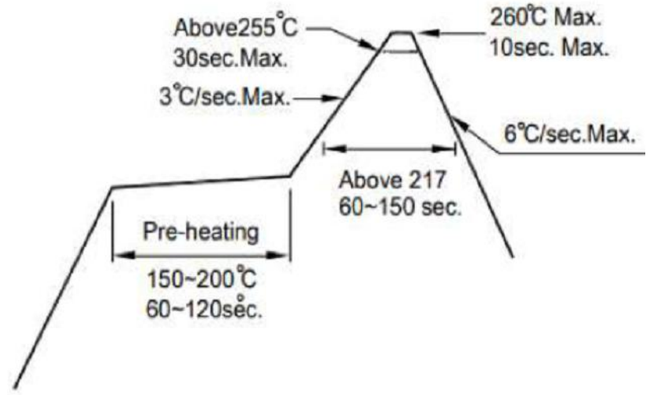




RECOMMENDED PAD LAYOUT

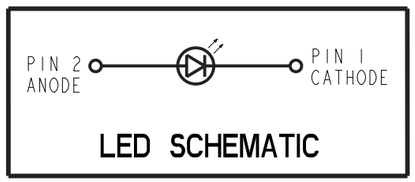
OPERATING CHARACTERISTICS AT 25°C AMBIENT									
LED COLOR	TEST CONDITION (mA)	LUMINOUS INTENSITY		FORWARD VOLTAGE (V)		DOMINANT WAVELENGTH (nm)		REVERSE CURRENT (uA)	VIEWING ANGLE (DEGREES)
	TYP	MIN	MAX	MIN	MAX	MIN	MAX	MAX	TYP
ORANGE	20	417	1550	1.8	2.4	600	610	10µA @ VR=5V	30
YELLOW		417	1550	1.8	2.4	584	594		
YELLOW-GREEN		112	417	1.8	2.4	566	576		
GREEN		542	2015	2.8	3.6	520	530		
BLUE		705	2015	2.8	3.6	464	474		

ABSOLUTE MAXIMUM RATINGS AT 25°C							
LED COLOR	POWER DISSIPATON (mW)	FORWARD CURRENT (mA)	PEAK FORWARD CURRENT (mA)	REVERSE VOLTAGE (V)	OPERATING TEMPRATURE (°C)	STORAGE TEMPRATURE (°C)	DERATING CURVE FROM 25°C (mA/°C)
ORANGE	72	30	125 (1/8 DUTY CYCLE, 1ms PULSE WIDTH)	5	-40°C TO +85°C	-40°C TO +85°C	0.333
YELLOW	72	30		5			0.333
YELLOW-GREEN	72	30		5			0.333
GREEN	108	30		5			0.333
BLUE	108	30		5			0.333



RECOMMENDED ROHS SOLDER PROFILE

NOTES:
1. PIN NUMBERS ARE FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.
2. 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.
3. THIS PRODUCT IS RoHS COMPLIANT. EACH BAG IS TO BE MARKED WITH RoHS COMPLIANT LABEL OR EQUIVALENT MARKINGS. LED MUST BE Pb FREE.
4. MOISTURE SENSITIVITY LEVEL 3.
5. QUANTITY : PART NUMBERS END WITH 107F REFER AS 2000 PCS/ REEL





ATTENTION:
OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES

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DIALIGHT CORP INTERNAL REFERENCE ONLY = 3D MODEL : 0603_SINGLE- .

SCALE: 15

ALL DIM's: INCH (mm)

TOLERANCES:
UNLESS OTHERWISE SPECIFIED
FRACTIONS: ±1/64
DECIMALS (.XX): ±.01
DECIMALS (.XXX): ±.005
DECIMALS (.XXXX): ±.0005
ANGLES: ±1°

FINISH

FSCM 83330

DRAWING NUMBER: C-18571

REV: B

TITLE: SM 1206 REVMT W/ LENS

MATERIAL

Dialight
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FARMINGDALE, NJ 07727
(732) 919-3119
www.dialight.com

SHEET 1 OF 1

FAMILY TABLE: