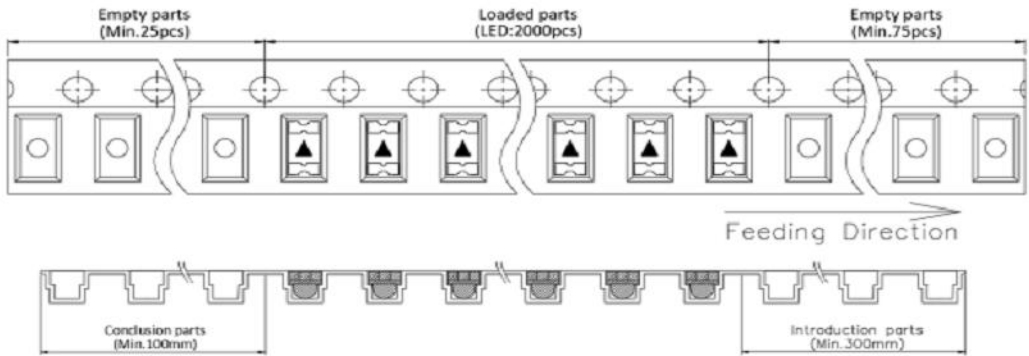
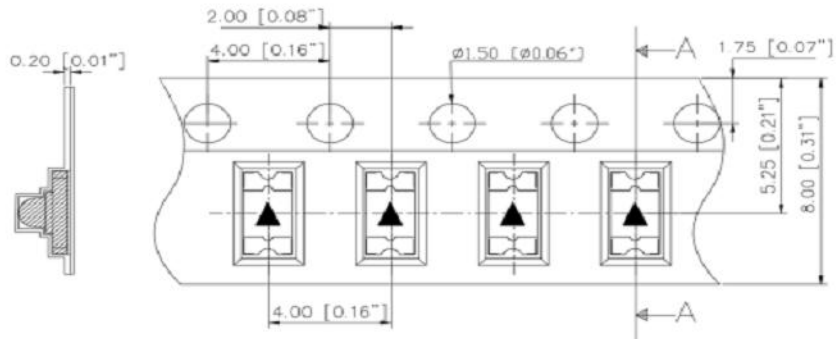
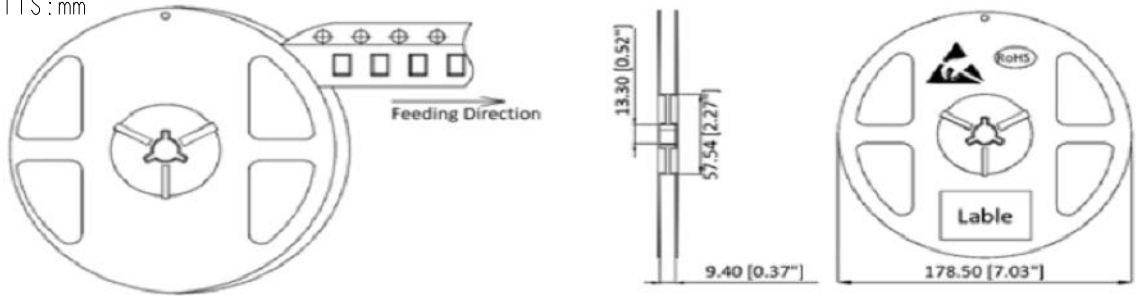


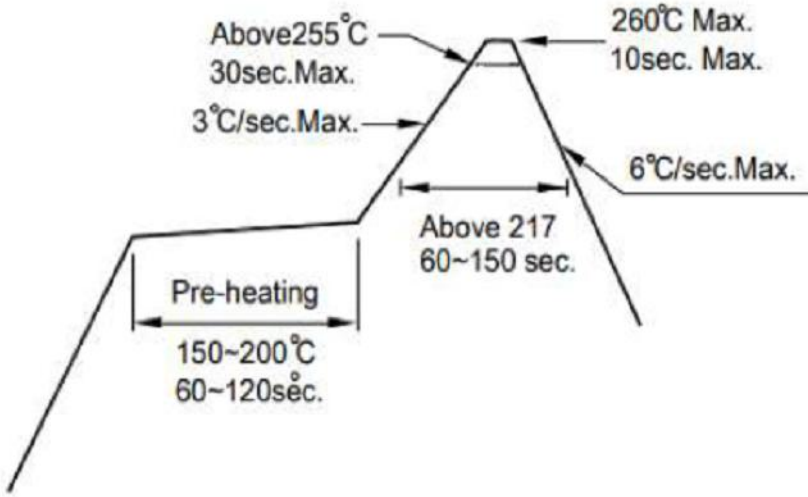
PART NUMBER	LED COLOR TYP(nm)
597-6222-107F	ORANGE (605)
597-6232-107F	YELLOW (589)
597-6502-107F	YELLOW GREEN (571)
597-6322-107F	GREEN (525)
597-6602-107F	BLUE (469)

PACKAGE DIMENSIONS OF TAPE AND REEL

UNITS:mm

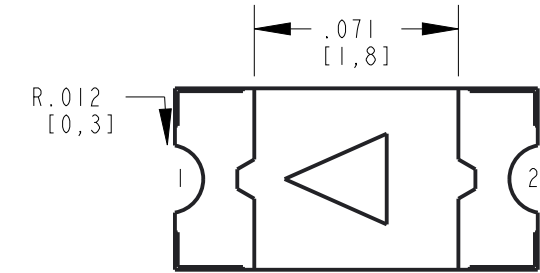
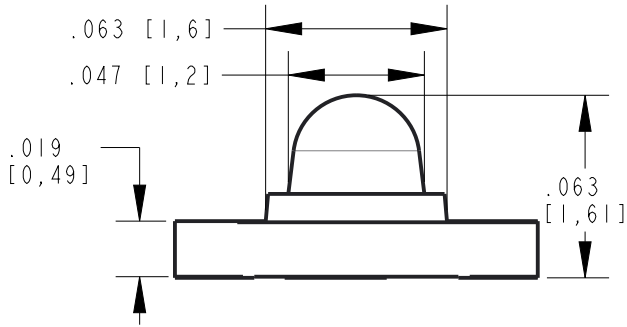
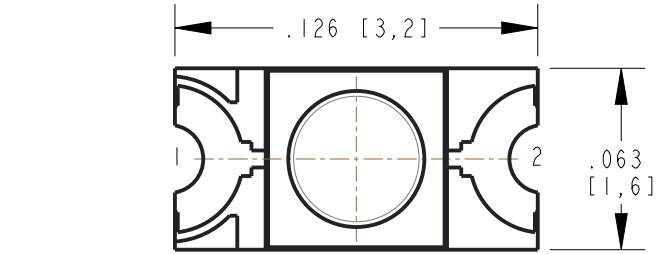


REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	98364	NEW RELEASE	JSG	CS	NO	12OCT22
B	144680	REVISED SOLDER PAD LAYOUT, REMOVED -102F PART NUMBERS	LD	CS		8-26-26

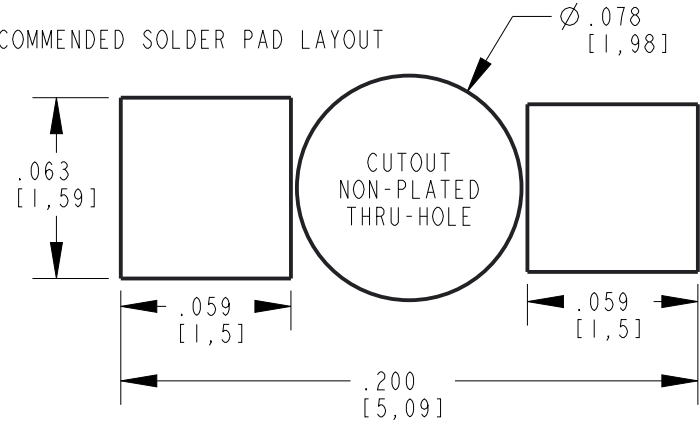


RECOMMENDED ROHS SOLDER PROFILE

- 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



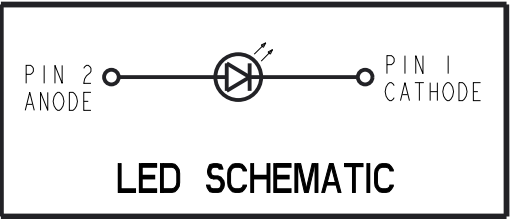
RECOMMENDED SOLDER PAD LAYOUT



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



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

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DIALIGHT CORP. INTERNAL REFERENCE ONLY = 3D MODEL : 0603_SINGLE			
SCALE: 1:5		DRAWING NUMBER	
ALL DIM'S: INCH (mm)		REV	
TOLERANCES: UNLESS OTHERWISE SPECIFIED		C-18571	
FRACTIONS: ±1/64		TITLE	
DECIMALS (.XX): ±.01		SM 1206 REVMT W/ LENS	
DECIMALS (.XXX): ±.005		MATERIAL	
DECIMALS (.XXXX): ±.0005			
ANGLES: ±1°			
FINISH			
FSCM 83330			
SHEET 1 OF 1		FAMILY TABLE:	

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