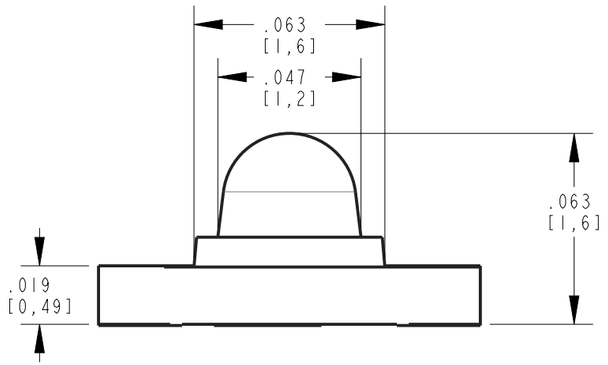
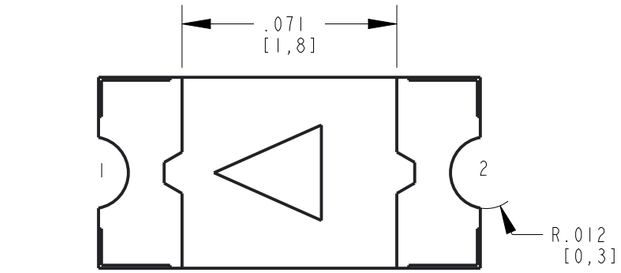
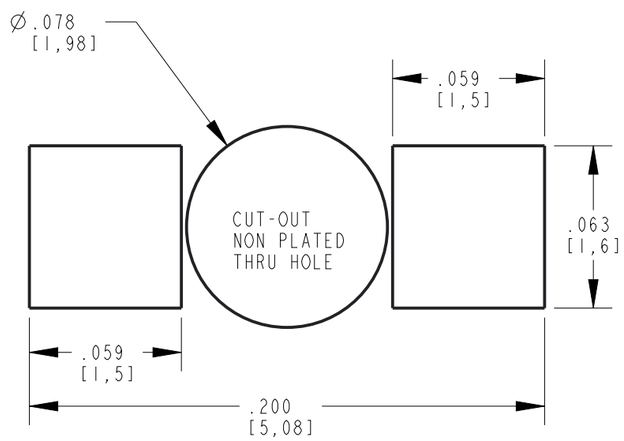




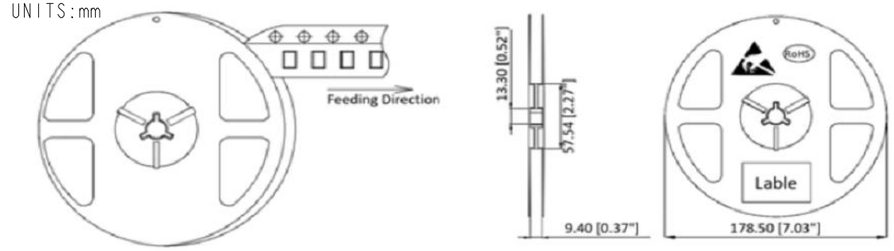


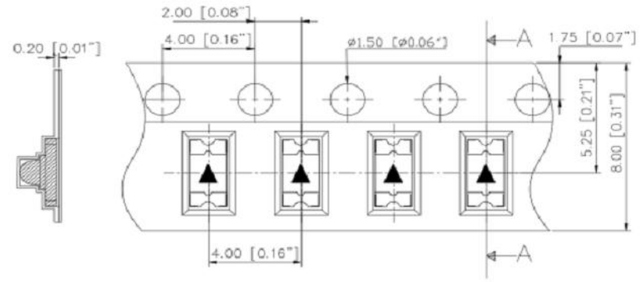


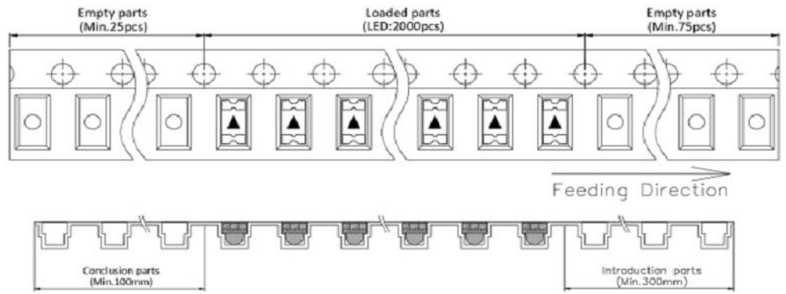
SUGGEST SOLDERING PAD DIMENSIONS

PACKAGE DIMENSIONS OF TAPE AND REEL

UNITS: mm





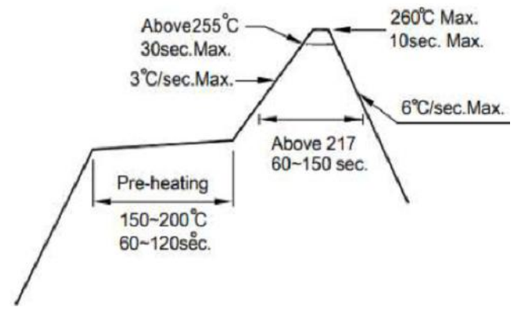


ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT	VALUES	UNITS
POWER DISSIPATION	72	mW
CONTINUOUS FORWARD CURRENT	30	mA
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 10ms PULSE WIDTH)	125	mA
REFLOW SOLDERING TEMPERATURE FOR 5 SEC.	260	°C
OPERATING TEMPERATURE	-40 TO +85	°C
STORAGE TEMPERATURE	-40 TO +85	°C

OPERATING CHARACTERISTICS AT 25°C AMBIENT										
LED COLOR	TEST CONDITION (mA)	LUMINOUS INTENSITY (mcd)			FORWARD VOLTAGE (V)		DOMINANT WAVELENGTH (nm)		REVERSE CURRENT (uA)	VIEWING ANGLE (DEGREES)
	TYP	MIN	TYP	MAX	MIN	MAX	MIN	MAX	MAX	TYP
RED	20	630	1000	1600	1.8	2.4	620	630	10	30

REV	ECN NO	REVISIONS	DRN	CKD	APP	QA	CM	DATE
A	95158	NEW RELEASE	LD	NO	CS			7-14-22
B	99313	VIEWING ANGLE WAS 130	LD		CS			11-3-22
C	144680	REVISED SOLDER PAD LAYOUT, REVISED NOTE 1	LD		CS			8-26-26

RECOMMENDED ROHS SOLDER PROFILE



NOTES:

1. DIALIGHT PART NUMBER:
   597-6022-107F is a 7in. reel with 2000 pieces.
2. THIS PRODUCT IS RoHS COMPLIANT. EACH BAG IS TO BE MARKED WITH RoHS COMPLIANT LABEL OR EQUIVALENT MARKINGS.
   LED MUST BE Pb FREE.
3. LED is MSL 3





ATTENTION:
OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES

THIS DRAWING AND THE CONTENTS HEREIN ARE CONFIDENTIAL AND THE SOLE PROPERTY OF DIALIGHT CORP. REPRODUCTION OF THIS DRAWING OR CONSTRUCTION OF ANY PARTS WITHIN THIS DRAWING ARE FORBIDDEN WITHOUT THE WRITTEN CONSENT OF DIALIGHT CORP.

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

SCALE: 20.000

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-18572

REV: C

TITLE: SM 1206 RED REVMT W/ LENS

MATERIAL

Dialight
1501 ROUTE 34 SOUTH
FARMINGDALE, NJ 07727
(732) 919-3119
www.dialight.com

SHEET 1 OF 1

FAMILY TABLE: