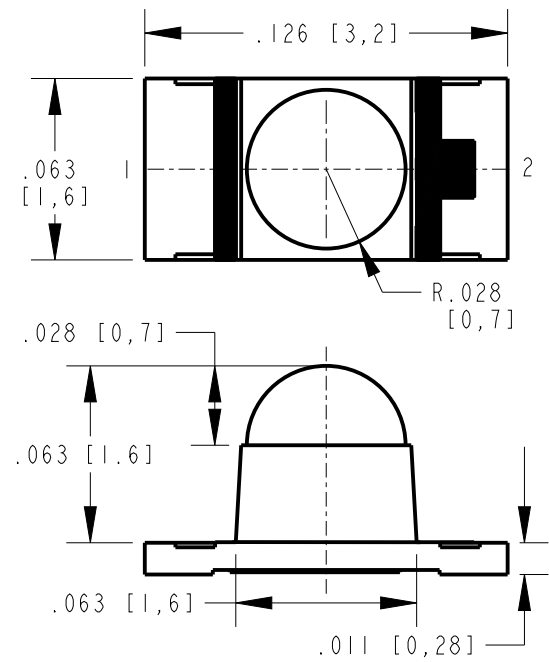


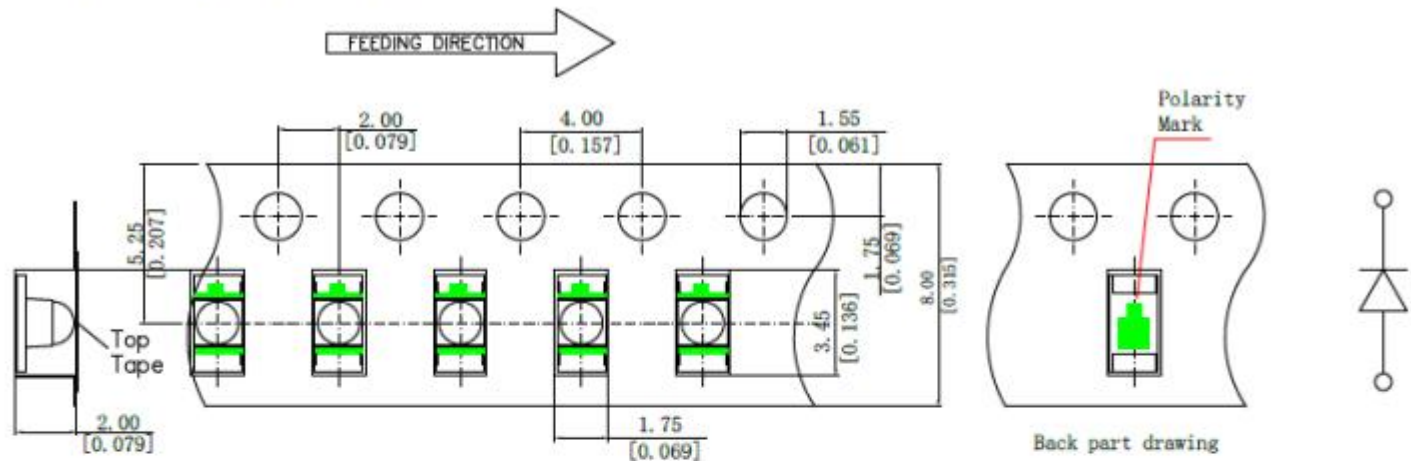
DIALIGHT PART NO.	LED COLOR
598-2M00-107F	WHITE (X=0.24,Y=0.21)
598-2M00-102F	

- 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 2000 PCS/ REEL
PART NUMBERS END WITH 102F REFER AS 20 PCS/ STRIP

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	106183	NEW RELEASE	JSG	CS	NO	31MAY23



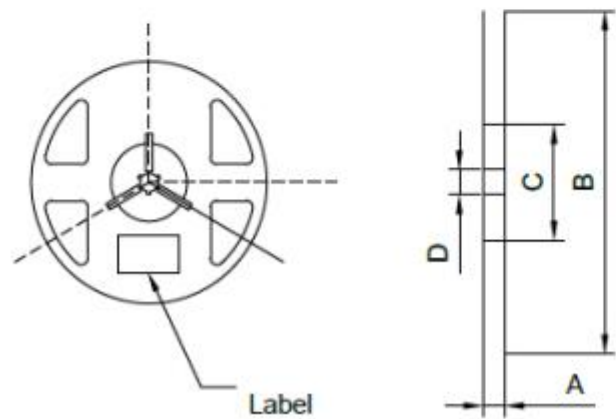
Carrier Tape Dimension



TAPING SPECIFICATIONS

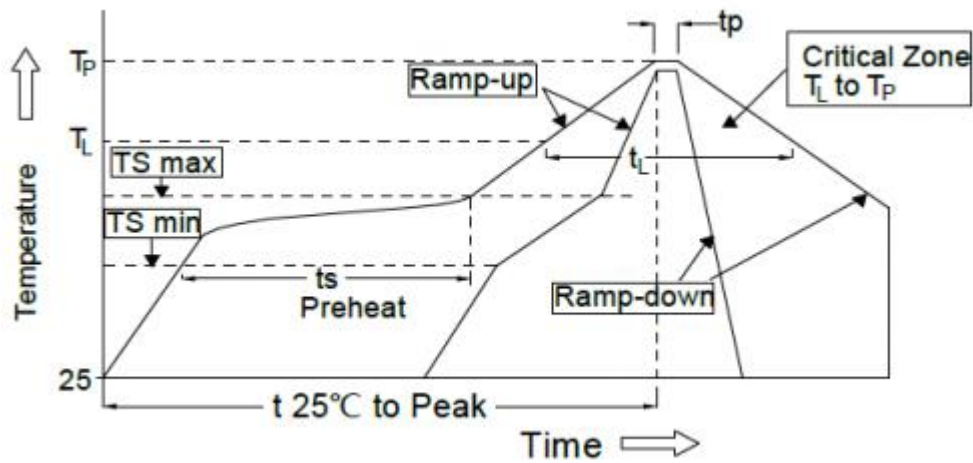
TOLERANCE (UNLESS OTHERWISE SPECIFIED): $\pm 0.003 (\pm 0.1 \text{ mm})$

Reel Dimension



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

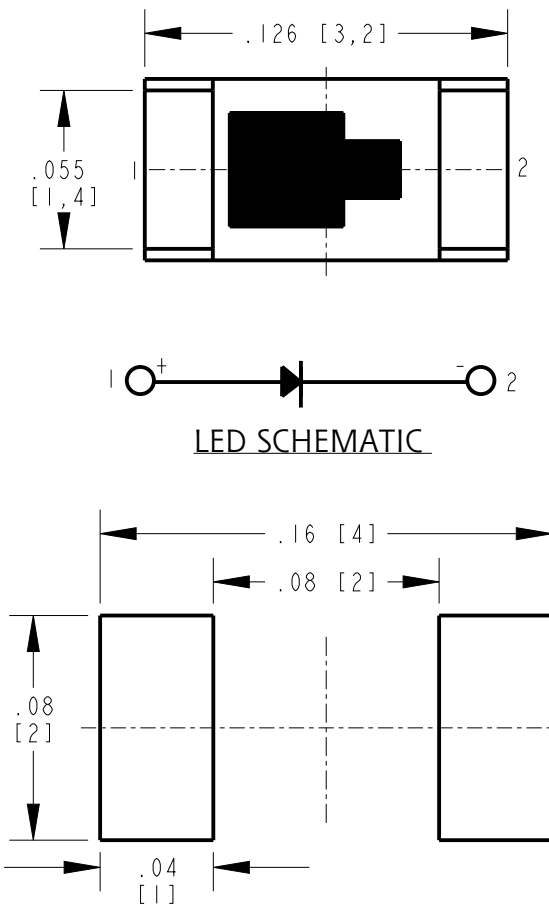
RECOMMENDED RoHS SOLDER PROFILE



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 TS_{min} To TS_{max}	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



ABSOLUTE MAXIMUM RATINGS AT 25°C

LED COLOR	POWER DISSIPATON (mW)	FORWARD CURRENT (mA)	PEAK FORWARD CURRENT (mA)	OPERATING TEMPRATURE (°C)	STORAGE TEMPRATURE (°C)	DERATING CURVE FROM 25°C (mA/°C)	ELECTROSTATIC DISCHARGE (V)
WHITE	108	30	60	-40°C TO +85°C	-40°C TO +85°C	0.417	1000

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	20mA	280	650	2.8	3.6	X=0.287 Y=0.286	10µA @ VR=5V/10ms	140	450

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DIALIGHT CORP. INTERNAL REFERENCE ONLY = 3D MODEL : 4500521863023- .1		
SCALE: 21.000	DRAWING NUMBER	REV
ALL DIM's: INCH (mm)	C-18671	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	
FRACTIONS: $\pm 1/64$ DECIMALS (.XX): $\pm .01$ DECIMALS (.XXX): $\pm .005$ DECIMALS (.XXXX): $\pm .0005$ ANGLES: $\pm 1^{\circ}$	1206 SM LED WITH DOME LENS	
FINISH	MATERIAL	
FSCM 83330	 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 (732) 919-3119 www.dialight.com	
	SHEET 1 OF 1	FAMILY TABLE:

Dialight

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