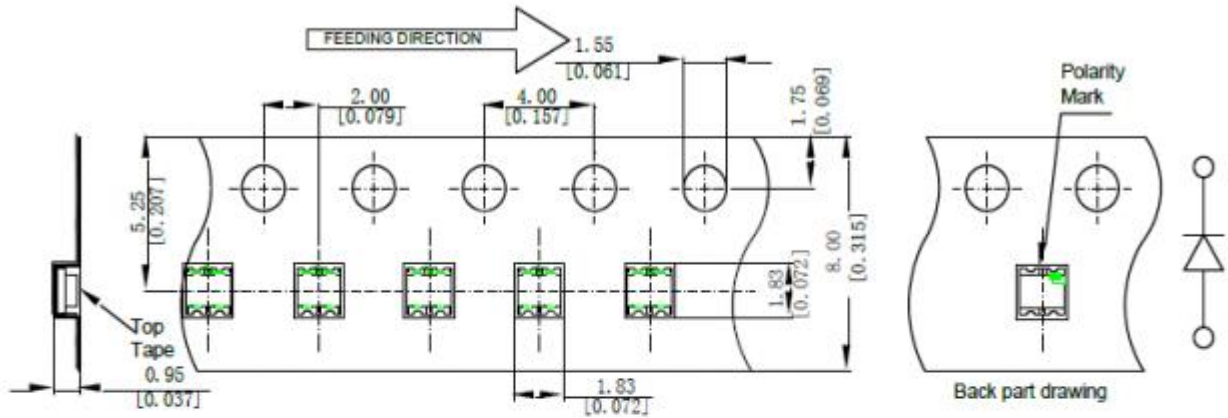


PART NUMBER	LED CHIP COLOR (nm)	LENS COLOR
598-8422-207CF	RED(625)	WATER CLEAR
	GREEN(525)	
598-8422-202CF	RED(625)	WATER CLEAR
	GREEN(525)	

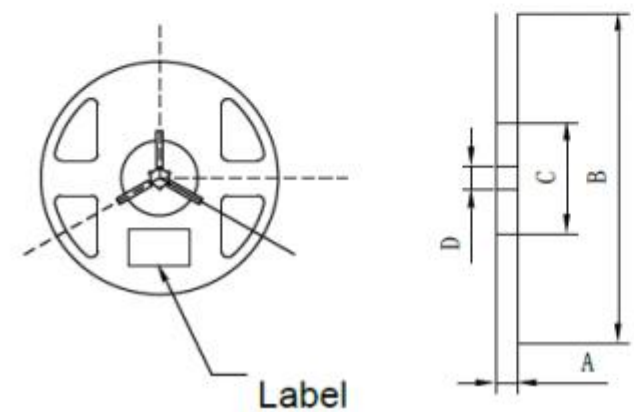
- NOTES:
- PIN NUMBERS ARE FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.
 - LABELING FOR REEL AND OUTSIDE OF ALUMINUM BAG, DIALIGHT P/N, QUANTITY PER REEL, DATE CODE, INTENSITY BIN CODE, LOT NUMBER AND COUNTRY OF ORIGIN.
 - THIS PRODUCT IS RoHS COMPLIANT. EACH BAG IS TO BE MARKED WITH RoHS COMPLIANT LABEL OR EQUIVALENT MARKINGS. LED MUST BE Pb FREE.
 - MOISTURE SENSITIVITY LEVEL 3.
 - QUANTITY : PART NUMBERS END WITH 207CF REFER AS 4000 PCS/ REEL
PART NUMBERS END WITH 202CF REFER AS 20 PCS/ STRIP

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	107117	NEW RELEASE	JSG	CS	NO	26JUN23

Carrier Tape Dimension



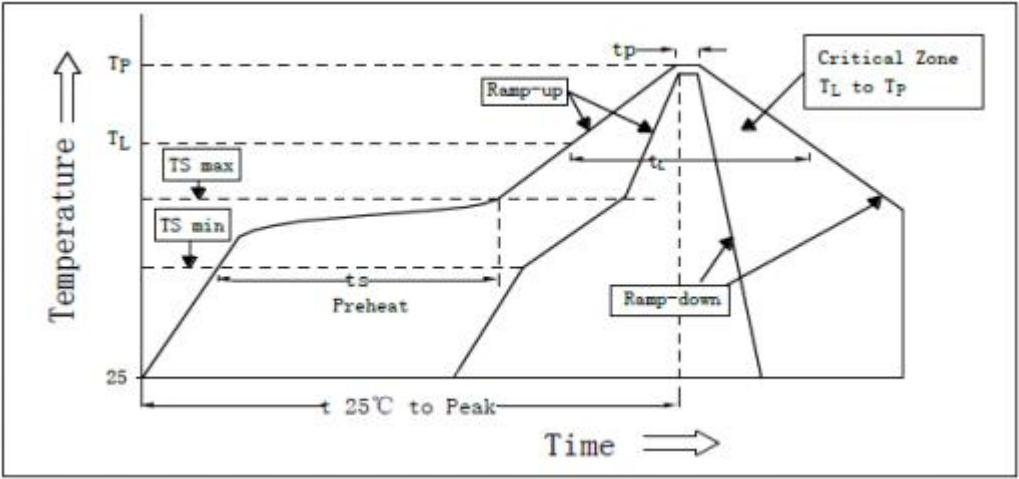
Reel Dimension



TOLERANCE (UNLESS OTHERWISE SPECIFIED): $\pm 0.004 (\pm 0.1 \text{ mm})$

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

RECOMMENDED RoHS SOLDER PROFILE



MARK	DEFINITION	CONDITION
$T_{S \text{ max}}$	MAXIMUM OF PRE-HEATING TEMPERATURE	200°C
$T_{S \text{ min}}$	MINIMUM OF PRE-HEATING TEMPERATURE	150°C
T_s	TIME FORM $T_{S \text{ min}}$ To $T_{S \text{ max}}$	60-120 sec
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

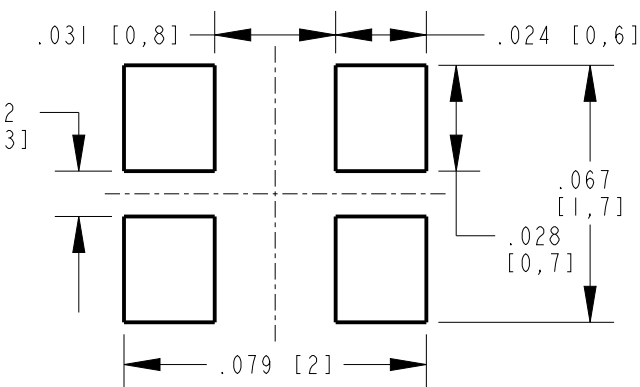
ABSOLUTE MAXIMUM RATINGS AT 25°C							
LED CHIP COLOR	POWER DISSIPATON (mW)	FORWARD CURRENT (mA)	PEAK FORWARD CURRENT (mA)	ELECTROSTATIC DISCHARGE "HBM" (V)	OPERATING TEMPERATURE (°C)	STORAGE TEMPERATURE (°C)	DERATING CURVE FROM 25°C (mA/°C)
RED	72	30	60 (1/10 DUTY CYCLE, 10ms PULSE WIDTH)	1000	-40°C TO +85°C	-40°C TO +85°C	0.384
GREEN	108						

ELECTRO-OPTICAL CHARACTERISTICS AT 25°C										
LED CHIP COLOR	TEST CONDITION	LUMINOUS INTENSITY (mcd)		DOMINANT WAVELENGTH (nm)		REVERSE CURRENT	FORWARD VOLTAGE		VIEWING ANGLE (DEG)	THERMAL RESISTANCE Rthj-s (°C/W)
	IF (mA)	MIN	MAX	MIN	MAX	MAX	MIN	MAX	TYP	MAX
RED	20mA	150	530	620	630	10μA @ VR=5V	1.8	2.4	140	450
GREEN		260	900	520	530		2.8	3.6		

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DIALIGHT CORP INTERNAL REFERENCE ONLY = 3D MODEL : 4500521869023- .2				
SCALE: 20.000		DRAWING NUMBER		REV
ALL DIM's: INCH (mm)				
TOLERANCES: UNLESS OTHERWISE SPECIFIED		C-18676		A
FRACTIONS: ±1/64				
DECIMALS (.XX): ±.01		TITLE O606 SMT LED BI-COLOR RED/GREEN		
DECIMALS (.XXX): ±.005				
DECIMALS (.XXXX): ±.0005		MATERIAL -		
ANGLES: ±1°				
FINISH -		Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 (732) 919-3119 www.dialight.com		
FSCM 83330				
SHEET 1 OF 1		FAMILY TABLE:		

Dialight

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



RECOMMENDED SOLDER PAD LAYOUT