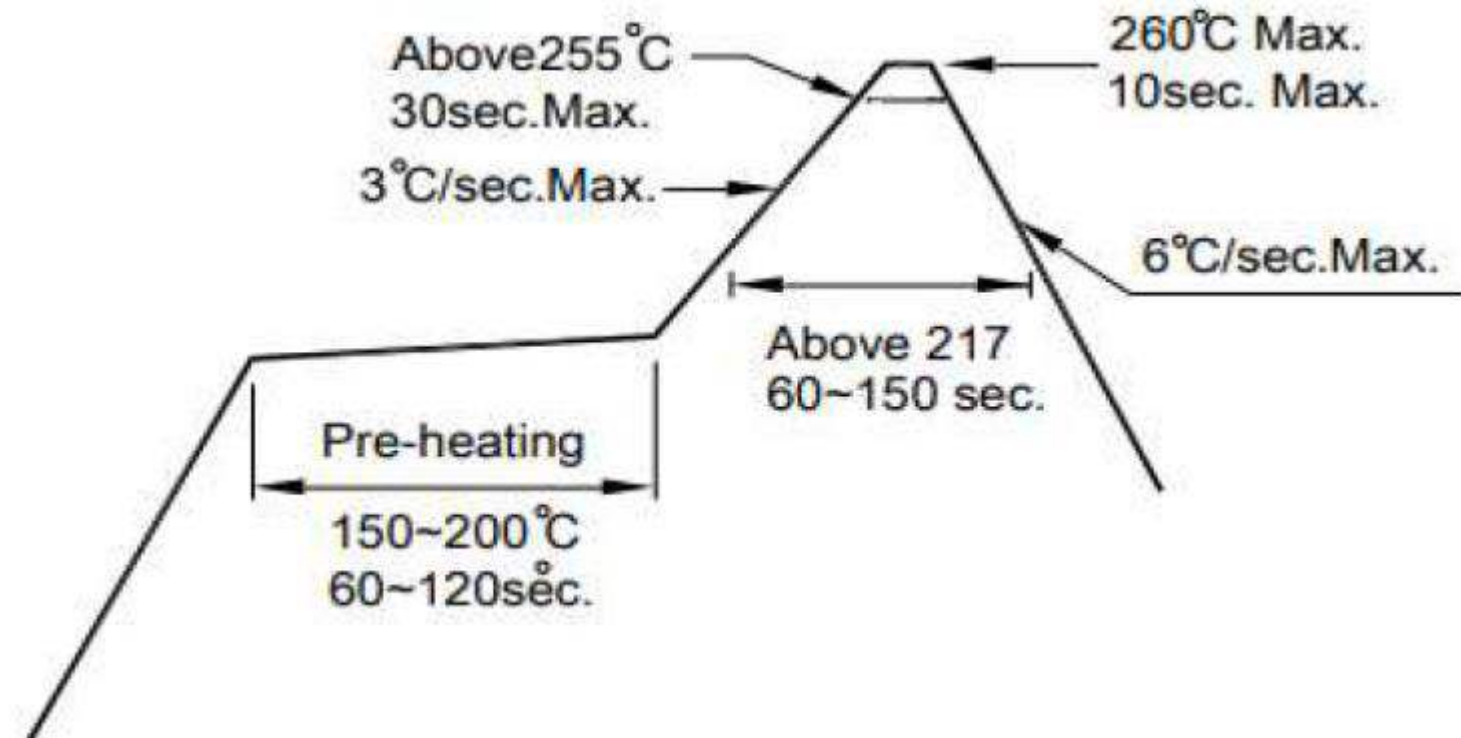
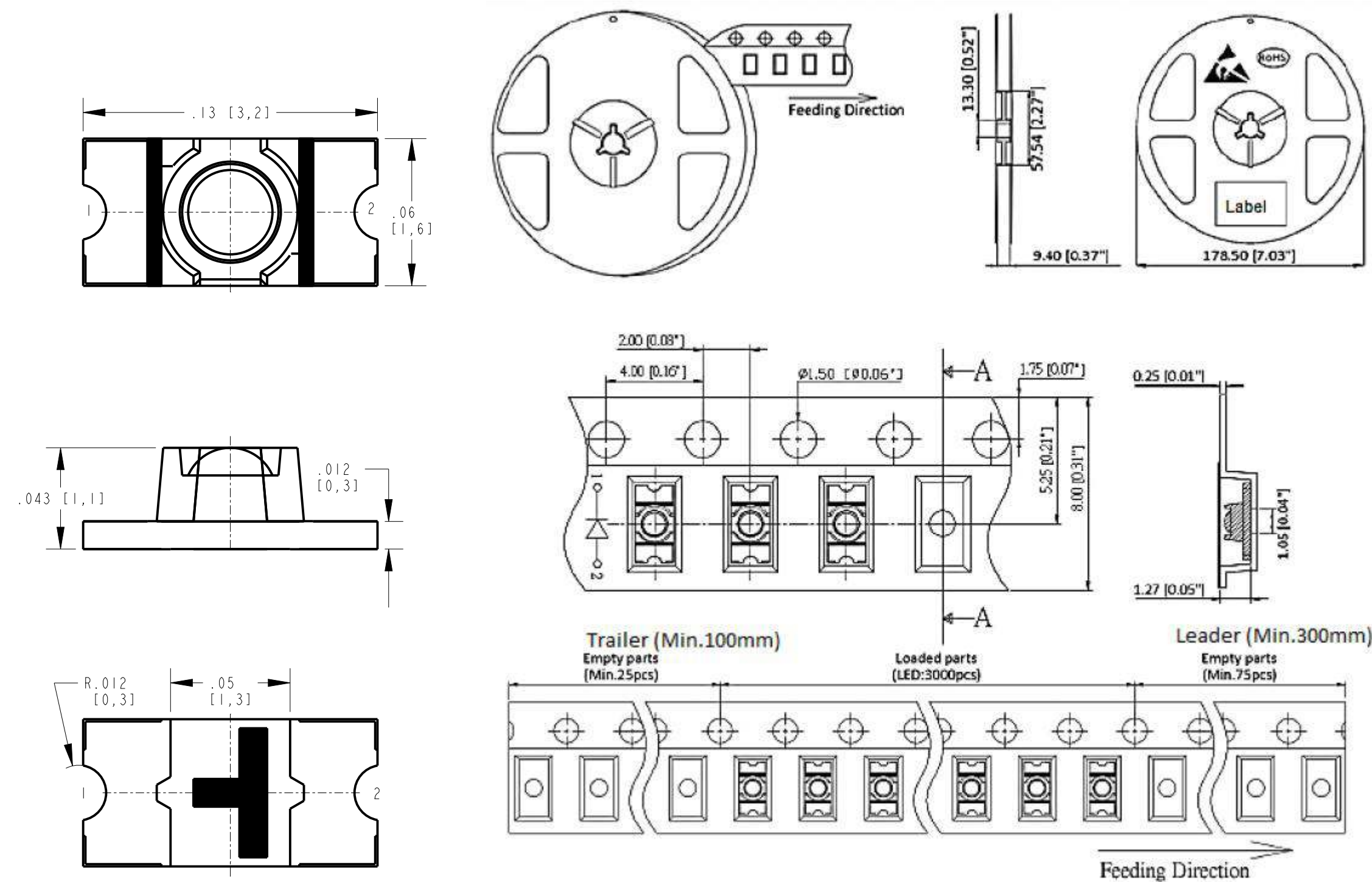


PART NUMBER	LED COLOR TYP (nm)	LENS COLOR
599-0510-127F	RED(625)	WATER CLEAR
599-0510-122F		
599-0540-127F	YELLOW(589)	
599-0540-122F		
599-0560-127F	YELLOW GREEN(571)	
599-0560-122F		
599-0580-127F	TRUE GREEN(519)	
599-0580-122F		
599-0590-127F	BLUE(465)	
599-0590-122F		
599-0530-127F	ORANGE(605)	
599-0530-122F		
599-2500-127F	WHITE	YELLOW TRANSPARENT
599-2500-122F	(X-0.27, Y-0.24)	

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	102542	NEW RELEASE	JSG	NO	CS	21FEB23

PACKAGE DIMENSIONS OF TAPE AND REEL



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)
		MIN	MAX	MIN	MAX	MIN	MAX		
RED	20	190	542	1.8	2.4	620	630	10µA @VR=5V	70
YELLOW		190	705	1.8	2.4	584	594		70
YELLOW-GREEN		86	321	1.8	2.4	566	576		70
TRUE GREEN		917	2620	2.8	3.6	514	524		70
BLUE		190	417	2.8	3.6	460	470		70
ORANGE		247	705	1.8	2.4	600	610		70
WHITE		417	1192	2.8	3.6	*X=0.2726 Y=0.2423			140

*CHROMATICITY COORDINATES (TYP.)

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 127F REFER AS 3000 PCS/ REEL PART NUMBERS END WITH 122F REFER AS 20 PCS/ STRIP

ABSOLUTE MAXIMUM RATINGS AT 25°C							
LED COLOR	POWER DISSIPATION (mW)	FORWARD CURRENT (mA)	PEAK FORWARD CURRENT (mA)	REVERSE VOLTAGE (V)	OPERATING TEMPERATURE (°C)	STORAGE TEMPERATURE (°C)	DERATING CURVE FROM 25°C (mA/°C)
RED	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
TRUE GREEN	108	30		5			0.333
BLUE	108	30		5			0.333
ORANGE	72	30		5			0.333
WHITE	102	30		5			0.333

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DIALIGHT CORP INTERNAL REFERENCE ONLY - 3D MODEL : 450052186XX29-A-2		
SCALE: 23.000	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-18653	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	
FRACTIONS: ±1/64	SM LED 3216 WITH LENS	
DECIMALS (.XX): ±.01	MATERIAL	
DECIMALS (.XXX): ±.005		
DECIMALS (.XXXX): ±.0005		
ANGLES: ±1°		
FINISH	Dialight	
FSCM 83330	1501 ROUTE 34 SOUTH, FARMINGDALE, NJ 07727 (732) 919-3119 www.dialight.com	
SHEET 1 OF 1	FAMILY TABLE:	



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES