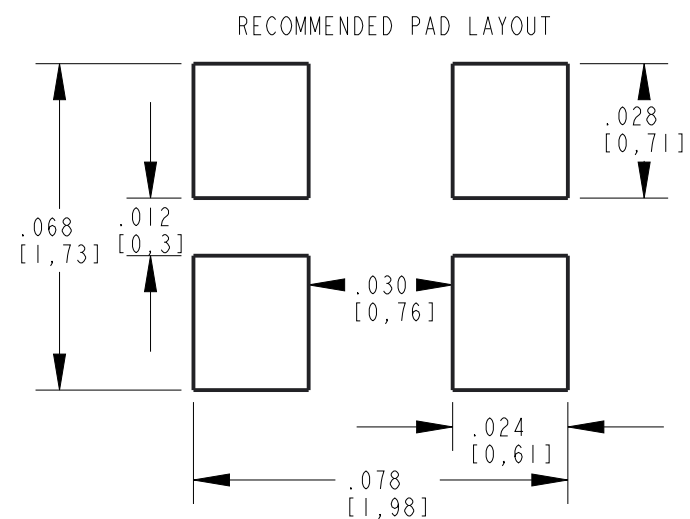
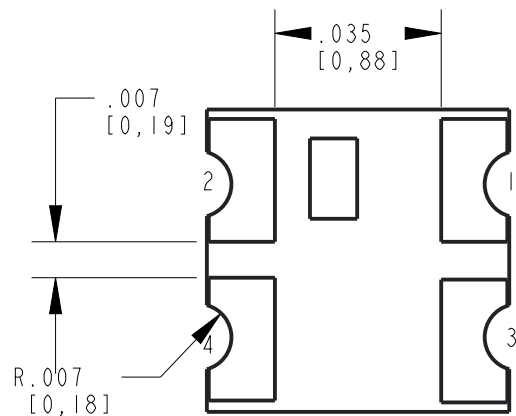
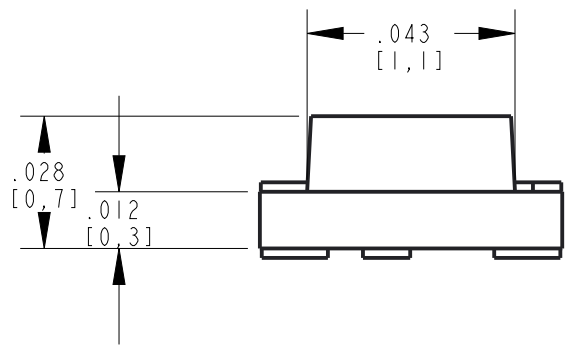
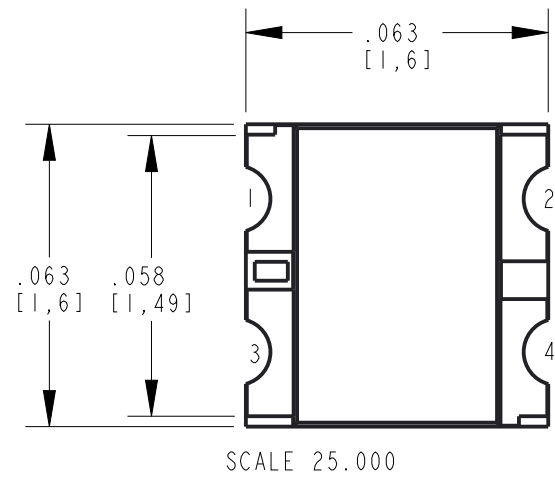
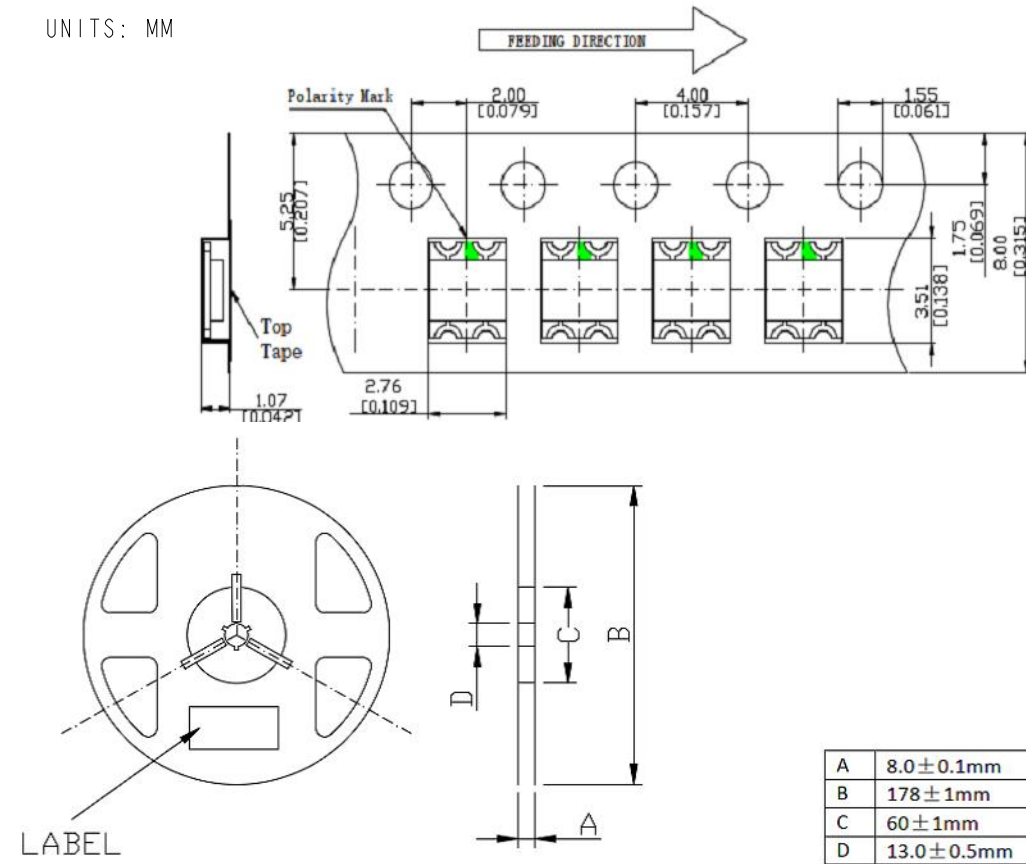




Packaging Specifications

Carrier Tape Dimensions

UNITS: MM



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

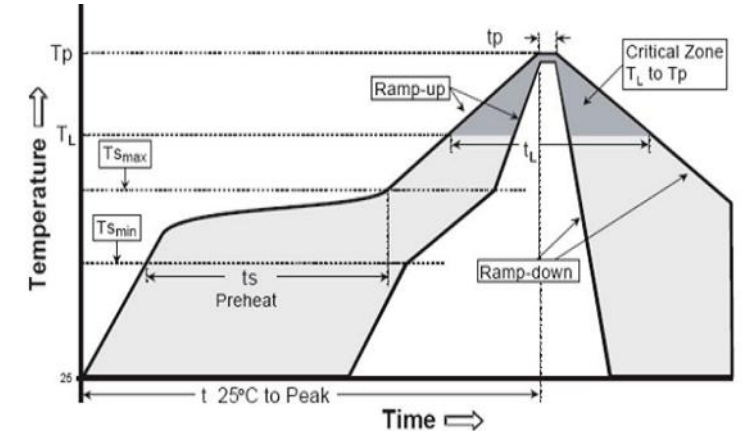
OPERATING CHARACTERISTICS AT 25°C AMBIENT													
COLOR	LUMINOUS INTENSITY			FORWARD VOLTAGE			REVERSE CURRENT		DOMINANT WAVELENGTH				VIEWING ANGLE
	I _F	MIN (mcd)	MAX (mcd)	I _F	TYP (V)	MAX (V)	V _R	MAX (μA)	I _F	MIN (nm)	TYP (nm)	MAX (nm)	TYP (DEG)
RED	20 mA	35	100	20 mA	1.8	2.4	5V	10	20 mA	625	630	635	135
GREEN		260	900		3.0	3.4				515	520	525	
BLUE		60	200		3.0	3.4				465	470	475	

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT			
POWER DISSIPATION	48	70	70
CONTINUOUS FORWARD CURRENT	20		
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 10ms PULSE WIDTH)	60		
ELECTROSTATIC DISCHARGE	1000		
OPERATING TEMPERATURE	-40 TO +100		
STORAGE TEMPERATURE	-40 TO +100		

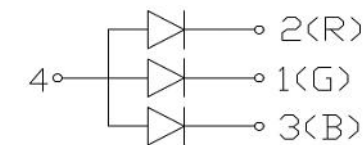
NOTES:

- DIALIGHT PART NUMBERS: 598-8710-30XF.
...302F SUFFIX MEANS PARTS PACKAGED ON A 20 PC SAMPLE STRIP.
...307F SUFFIX MEANS PARTS PACKAGED ON A 7" [Ø180mm] REEL, 4,000 PCS/REEL.
- TAPE & REEL MAY REQUIRE RE-TAPING AFTER 12 MONTHS.
- PIN NUMBERS ARE FOR REFERENCE ONLY. DESIGNATION NON-EXISTENT ON PART OR REEL TAPE.
- MOISTURE SENSITIVITY LEVEL: 3

REV	ECN NO	REVISIONS	DRN	APP	DATE
A	95700	NEW RELEASE	LD	CS	7-21-22



UNITS	PARAMETERS	CONDITION
TS _{max}	Maximum of pre-heating temperature	200 °C
TS _{min}	Minimum of pre-heating temperature	150 °C
T _s	Time form T _{smin} to T _{smax}	60-120 sec
T _L	Reference temperature	217 °C
t _L	Retention time for T _L	within 60s
T _p	Peak Temperature	260 °C
t _p	Time for peak temperature	within 10s
DTr/Dt	Temperature rising rate	8° C/sec
DTd/Dt	Temperature decreasing rate	-6° C/sec



LED SCHEMATIC

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DIALIGHT CORP INTERNAL REFERENCE ONLY = 3D MODEL : 4500S198TA51X-A.1			
SCALE: 25.000		DRAWING NUMBER	
ALL DIM's: INCH (mm)		REV	
TOLERANCES: UNLESS OTHERWISE SPECIFIED		C-18577	
FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°		TITLE	
FINISH		0606 SMD LED RGB	
FSCM 83330		MATERIAL	
		Dialight ***** 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 (732) 919-3119 www.dialight.com	
		SHEET 1 OF 1	
		FAMILY TABLE:	