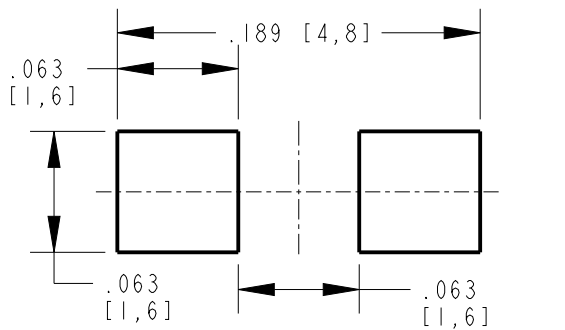
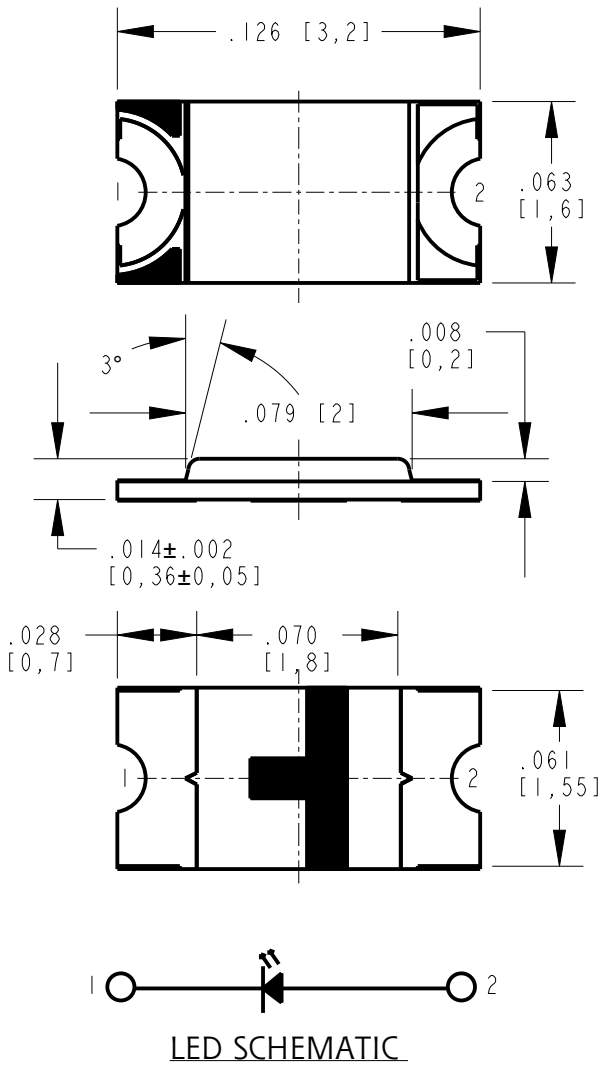


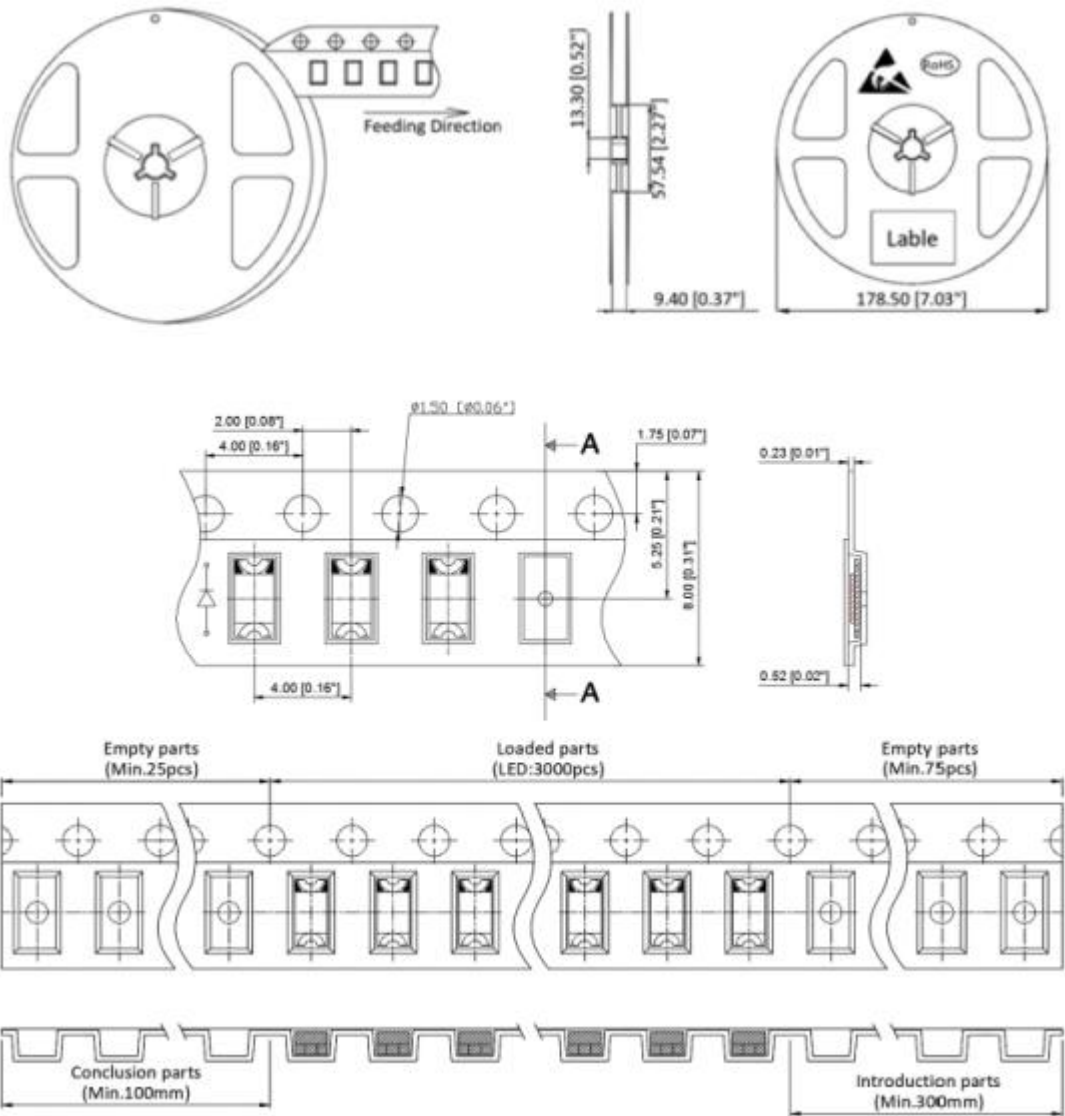
DIALIGHT PART NO	LED COLOR	LENS COLOR
599-0230-127F	ORANGE	WATER CLEAR
599-0290-127F	BLUE	
599-2200-127F	WHITE	YELLOW
599-0260-127F	YELLOW GREEN	WATER CLEAR
599-0240-127F	YELLOW	
599-0210-127F	RED	
599-0280-127F	GREEN	

- NOTES:
- PARTS ARE TO BE SUPPLIED IN 8mm CARRIER TAPE ON 7" REEL
3000 PCS PER REEL.
 - PIN NUMBERS ARE FOR REFERENCE ONLY, DESIGNATION
NON EXISTENT ON PART
 - THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE DEVICES (ESDS).
MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING
AND STORAGE IN ACCORDANCE WITH IPC-A-610
 - 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 IS 3

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	111272	NEW RELEASE	JSG	CS	CS	25OCT23



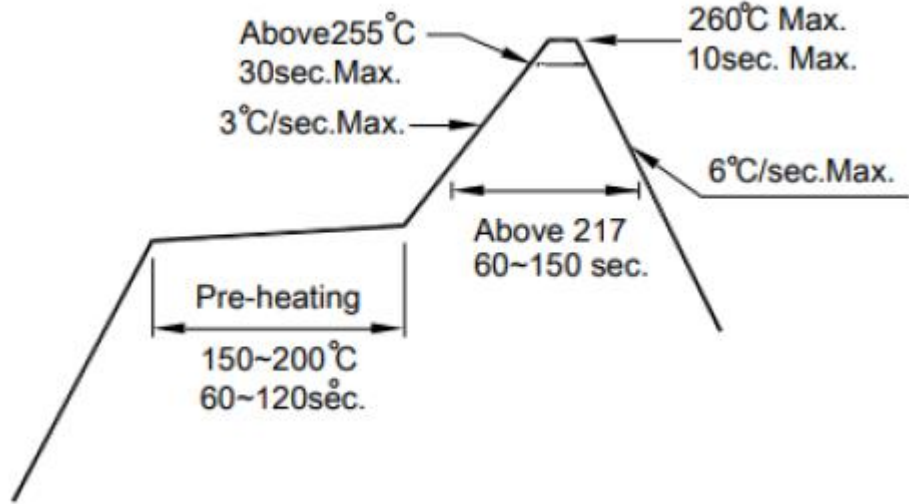
RECOMMENDED SOLDER PAD LAYOUT



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	MAX	MIN	MAX	MIN	MAX	MAX	TYP
ORANGE	20mA	86	321	1.8	2.4	600	610	10µA @ VR=5V	120
BLUE		86	321	2.8	3.6	464	474		120
*WHITE		705	1550	2.8	3.6	X=.279 Y=.266	X=.309 Y=.323		140
YELLOW GREEN		30	112	1.8	2.4	566	576		120
YELLOW		100	160	1.8	2.4	584	594		120
RED		86	321	1.8	2.4	630	640		120
GREEN		321	1192	2.8	3.6	520	530		120

*CIE COORDINATES

RECOMMENDED RoHS SOLDER PROFILE



ABSOLUTE MAXIMUM RATINGS AT 25°C						
LED COLOR	POWER DISSIPATON (mW)	FORWARD CURRENT (mA)	PEAK FORWARD CURRENT (mA)	OPERATING TEMPERATURE (°C)	STORAGE TEMPERATURE (°C)	DERATING CURVE (mA/°C)
ORANGE	72	30	125	-40°C TO +85°C	-40°C TO +85°C	0.333
BLUE	108	30	125			0.333
WHITE	108	30	125			0.333
YELLOW GREEN	72	30	125			0.333
YELLOW	72	30	125			0.333
RED	72	30	125			0.333
GREEN	108	30	125			0.333



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

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DIALIGHT CORP. INTERNAL REFERENCE ONLY = 3D MODEL : 4500521870X29-.1		
SCALE: 15.000	DRAWING NUMBER	REV
ALL DIM's: INCH (mm)	C-18719	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	
FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°	1206 SM LED 0.36mm	
FINISH	MATERIAL	
-	-	
FSCM 83330	Dialight	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 (732) 919-3119 www.dialight.com
	SHEET 1 OF 1	FAMILY TABLE:

Mouser Electronics

Authorized Distributor

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