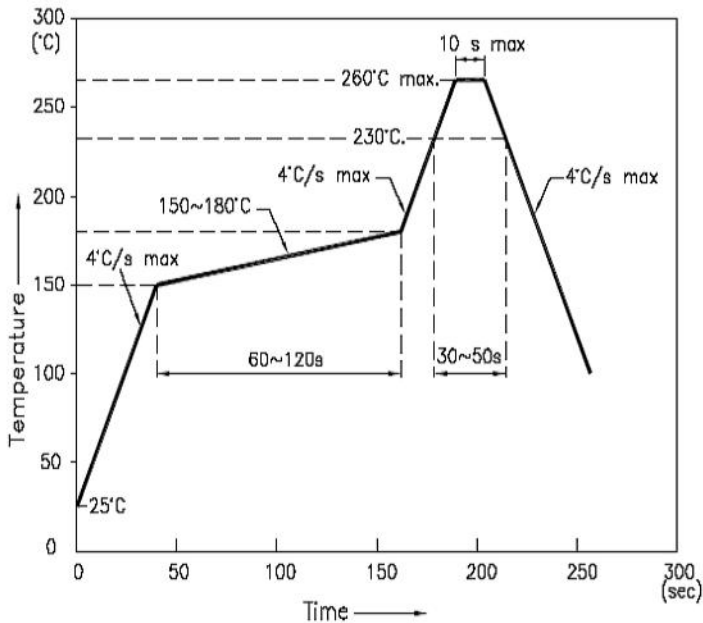
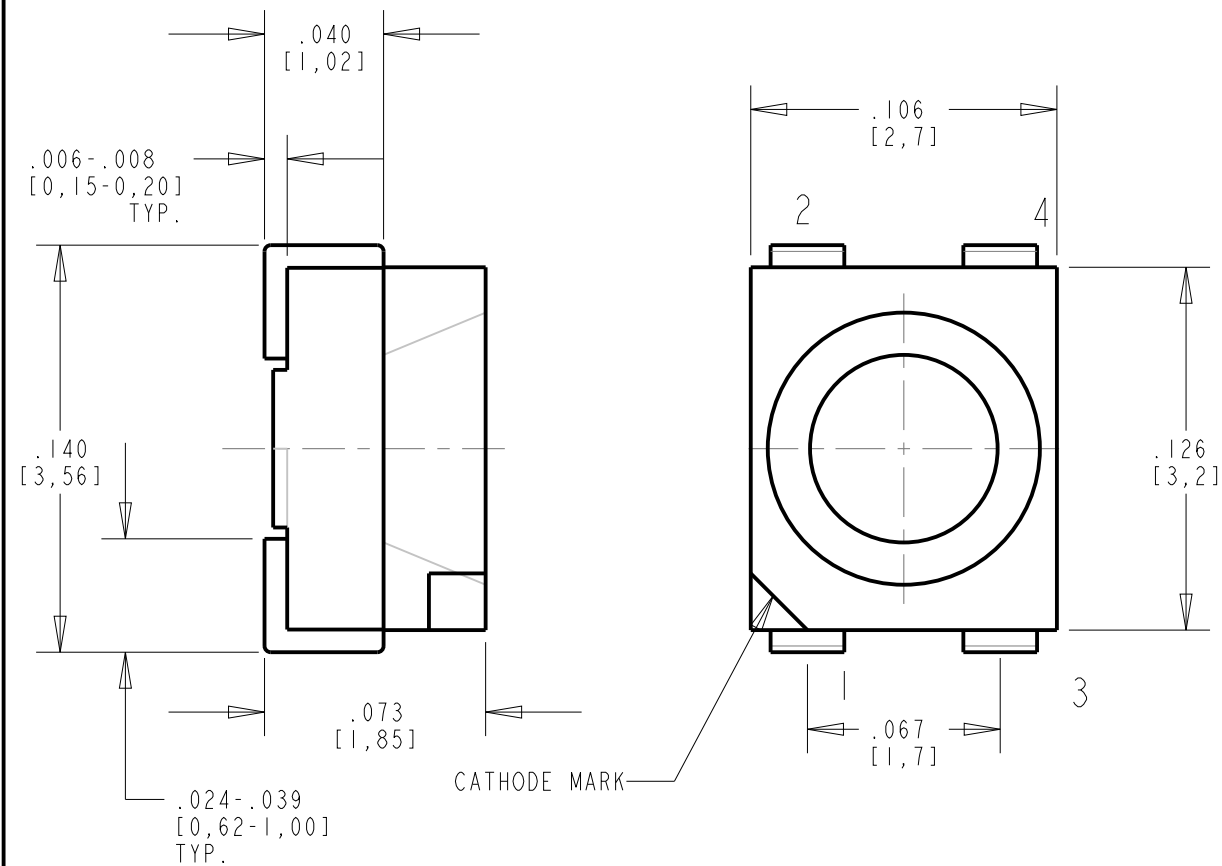
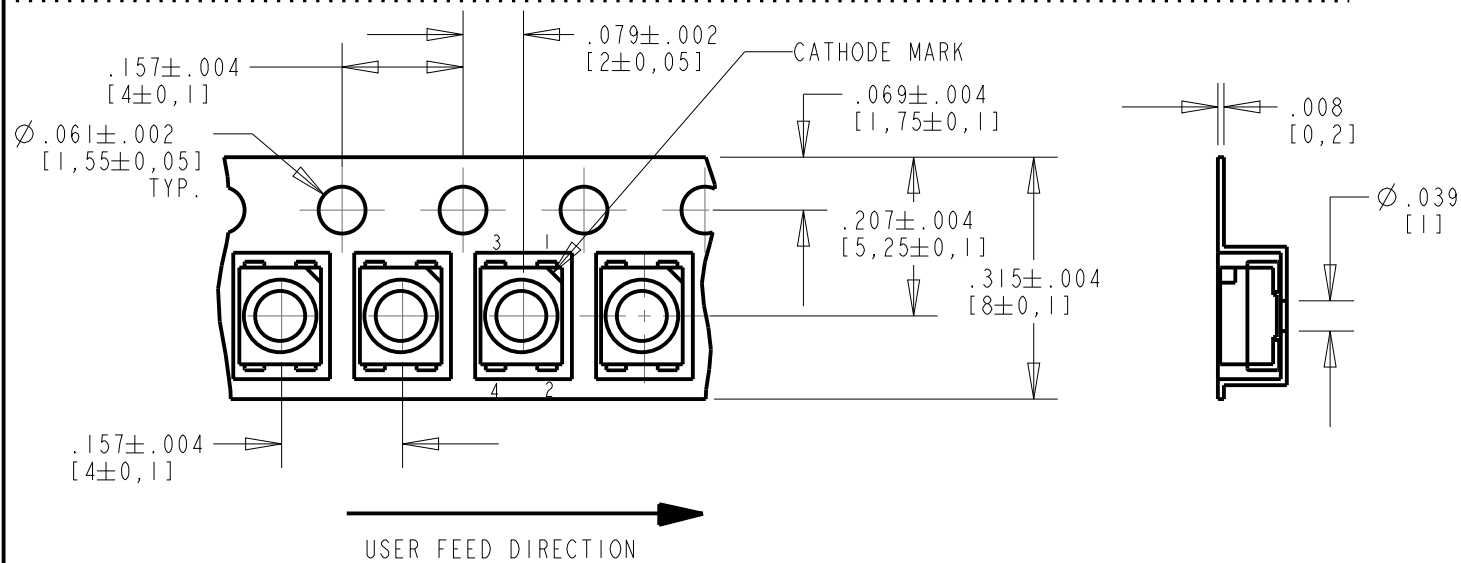


REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	MMB	WFB	NO	7-26-13
B	—	UPDATED PEAK WAVELENGTH AND LUMINOUS INTENSITY	BP	—	NO	7-26-17

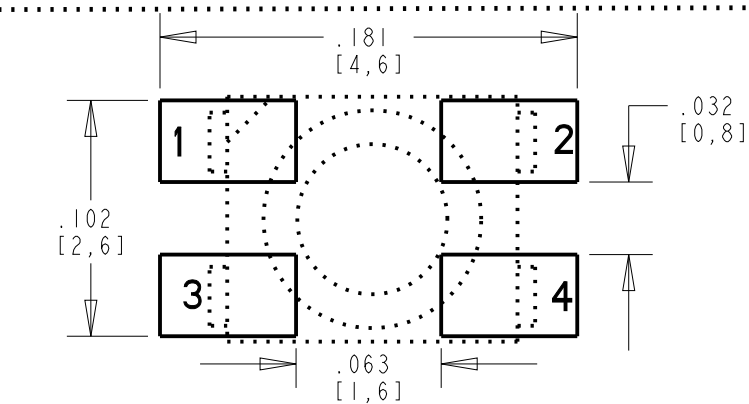


RECOMMENDED RoHS SOLDER PROFILE

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT	ORANGE	GREEN	UNITS
POWER DISSIPATION	75		mW
CONTINUOUS FORWARD CURRENT	30		mA
PEAK FORWARD CURRENT (1/8 DUTY CYCLE)	125		mA
REVERSE VOLTAGE	5		V
REFLOW SOLDERING TEMPERATURE FOR 5 SEC.	260		°C
OPERATING TEMPERATURE	-40 TO +85		°C
STORAGE TEMPERATURE	-40 TO +85		°C



TAPING SPECIFICATIONS SCALE 4.000



RECOMMENDED SOLDER PAD LAYOUT

RoHS COMPLIANT 597-7741-00XF

Part Numbers with the "F" suffix ending are RoHS Compliant. For example: 597-7741-002F

Reel and bag packaging are marked with "RoHS Compliant" label or equivalent markings. These parts can be used with RoHS reflow profile. Parts can be wave soldered, dip soldered or hand soldered using typical lead-free soldering process with max 260°C temp. for 5 sec.

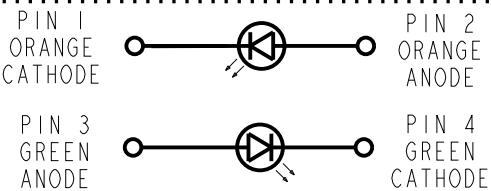
OPERATING CHARACTERISTICS AT 25°C AMBIENT												
LED COLOR	PEAK WAVELENGTH (nm) @ I _F =10mA	DOMINANT WAVELENGTH (nm) @ I _F =10mA			LUMINOUS INTENSITY (mcd) @ I _F =10mA			FORWARD VOLTAGE (V) @ I _F =10mA			REVERSE CURRENT (μA) @ V _r =5V	VIEWING ANGLE (DEGREES)
	TYP	MIN	TYP	MAX	MIN	TYP	MAX	MIN	TYP	MAX	MAX	TYP
ORANGE	610	600	605	610	63	120	200	1.7	2.0	2.5	10	120
GREEN	575	565	570	576	25	43	80	1.7	2.0	2.5	10	120

NOTES:

- DIALIGHT PART NUMBERS: 597-7741-00XF.
- TAPE & REEL MAY REQUIRE RE-TAPING AFTER 12 MONTHS.
- PIN NUMBERS ARE FOR REFERENCE ONLY. DESIGNATION NON-EXISTENT ON PART OR REEL TAPE .
- ...002F SUFFIX MEANS PARTS PACKAGED ON A 20 PC SAMPLE STRIP.
...007F SUFFIX MEANS PARTS PACKAGED ON A 7" [Ø180mm] REEL, 2,000 PCS/REEL.
- MOISTURE SENSITIVITY LEVEL: 3
- PACKAGING TO INCLUDE LABEL CONTAINING DIALIGHT PART NUMBER, DATE CODE/LOT NO., INTENSITY BIN AND COLOR BINS, QTY/REEL, AND COUNTRY OF ORIGIN.
- THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES



LED SCHEMATIC

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SCALE: 15.000	DRAWING NUMBER C-18061	REV B
ALL DIM's: INCH (mm)		
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE O/G PLCC-4 SM LED	
FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.008 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°		
FINISH	MATERIAL	
FSCM 83330	Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 (732) 919-3119 www.dialight.com	
	SHEET 1 OF 1	FAMILY TABLE:

Dialight

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