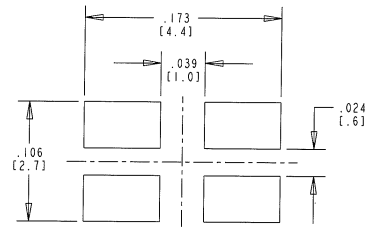
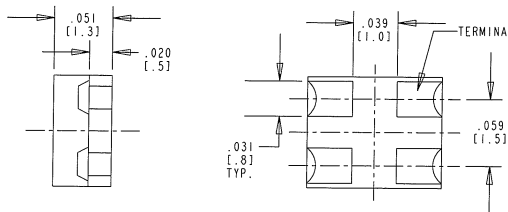
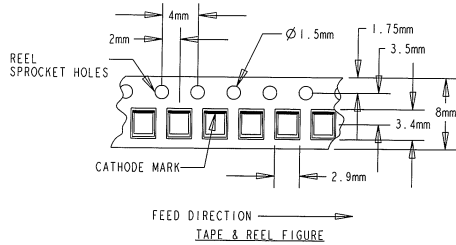
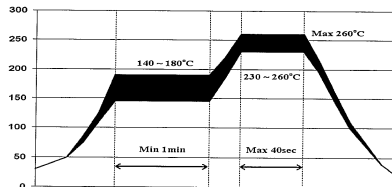
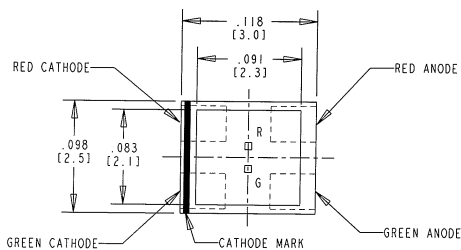


REV	ECN NO	REVISIONS	DRW	CKD	APP	QA	CM	DATE
A		NEW RELEASE	SM		7/10/16			



RECOMMENDED SOLDER LAND PATTERN

NOTES:

- EPOXY COLOR: WATER CLEAR.
- DIE: YELLOW GaAsP ON GaP; GREEN GaP.
- LEADS: GOLD PLATED.
- SOLDER ADHERANCE: BOTH LEADS PER MIL. STD. 202E, METHOD 208C.
- PARTS TO BE TAPED AND REELED PER EIA-481-1 SPEC.
- PARTS SUPPLIED 2500 DEVICES PER REEL WITH ALL PARTS ON ONE REEL FROM SAME LOT AND SAME BIN CATEGORY.
- LABELING: REELS IDENTIFIED WITH DIALIGHT P/N, QUANTITY, DATE CODE, AND INTENSITY BIN CATEGORY.
- TAPE AND REEL LEDS MAY REQUIRE RE-TAPING AFTER TWELVE MONTHS.
- DIALIGHT PART NUMBER: 597-7721-507F.
- THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING AND STORAGE IN ACCORDANCE WITH IPC-A-610.

RoHS Compliant 597-7721-507F Surface Mount LED
 Part Numbers with the "F" suffix ending are RoHS Compliant.
 Packaging is marked with "RoHS Compliant" label or equivalent markings.
 Parts can be reflow soldered per RoHS reflow profile, wave soldered, dip soldered or hand soldered using typical lead-free soldering process with max 260°C temp. for 10-20 sec.

LED CHARACTERISTICS	COLOR	MIN.	TYP.	MAX.	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	YELLOW GREEN	3.6 9.0	6.3 16.0	9.0 23.0	mc d	$I_f = 20 \text{ mA}$
FORWARD VOLTAGE	YELLOW GREEN		2.1 2.2	2.8 2.8	V	$I_f = 20 \text{ mA}$
REVERSE CURRENT	YELLOW GREEN			100	μA	$V_R = 4 \text{ V}$
PEAK WAVELENGTH	YELLOW GREEN		585 570		nm	
DOMINANT WAVELENGTH	YELLOW GREEN	582 568	589 575	596 582	nm	
VIEWING ANGLE (2 θ 1/2)	YELLOW GREEN		100		DEGREES	

ABSOLUTE MAXIMUM RATINGS AT 25 °C AMBIENT	YELLOW	GREEN	UNITS
POWER DISSIPATION	60		mW
CONTINUOUS FORWARD CURRENT	25		mA
PEAK FORWARD CURRENT (PULSE WIDTH 1 ms, DUTY 20%)	60		mA
REVERSE VOLTAGE	4		V
OPERATING TEMPERATURE	-30 TO +85		°C
STORAGE TEMPERATURE	-40 TO +85		°C



ATTENTION:
 OBSERVE PRECAUTIONS FOR
 HANDLING ELECTROSTATIC
 SENSITIVE DEVICES

THIS DRAWING AND THE CONTENTS HEREIN ARE CONFIDENTIAL AND THE SOLE PROPERTY OF DIALIGHT. REPRODUCTION OF THIS DRAWING OR CONSTRUCTION OF ANY PARTS WITHIN THIS DRAWING ARE FORBIDDEN WITHOUT THE WRITTEN CONSENT OF DIALIGHT.		
SCALE: DRAWING SCALE ALL DIM'S IN: INCHES (MM)	DRAWING NUMBER C-17525	REV A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE YELLOW/GREEN BI COLOR SMT LED	
FRACTIONS: $\pm 1/64$	MATERIAL	
DECIMALS (.XXX): $\pm .01$	Dialight	
DECIMALS (.XXXX): $\pm .005$	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
DECIMALS (.XXXXX): $\pm .0005$	FSCM 83330	
ANGLES: $\pm 1^\circ$	SHEET 1 OF 1 FAMILY TABLE:	