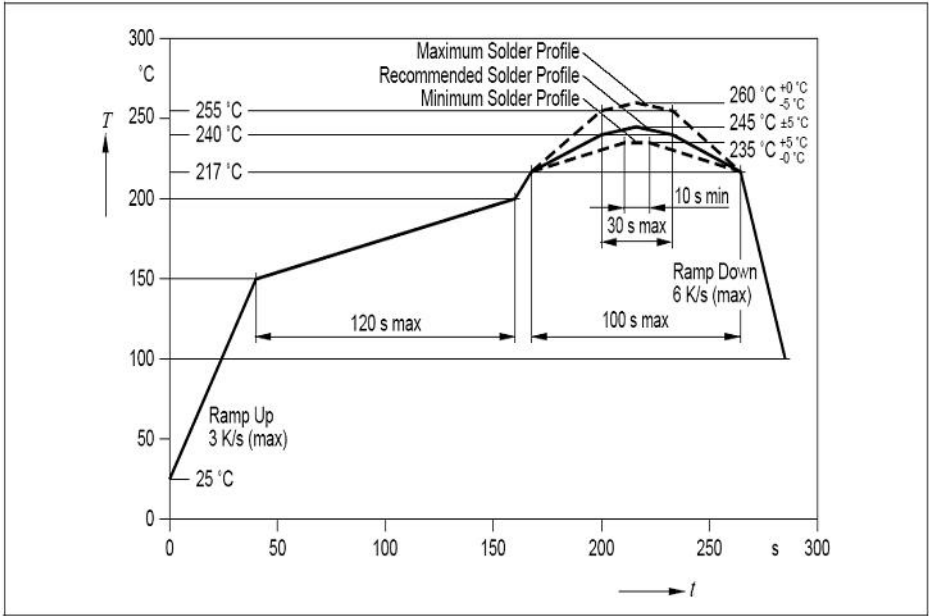


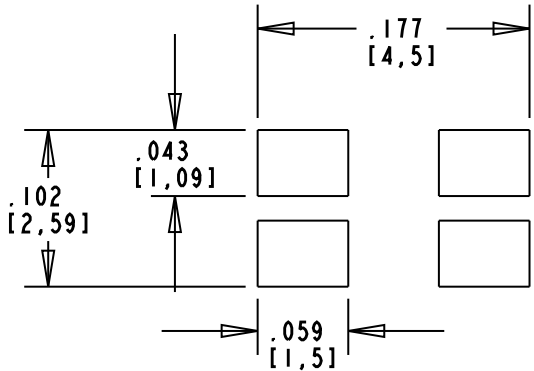
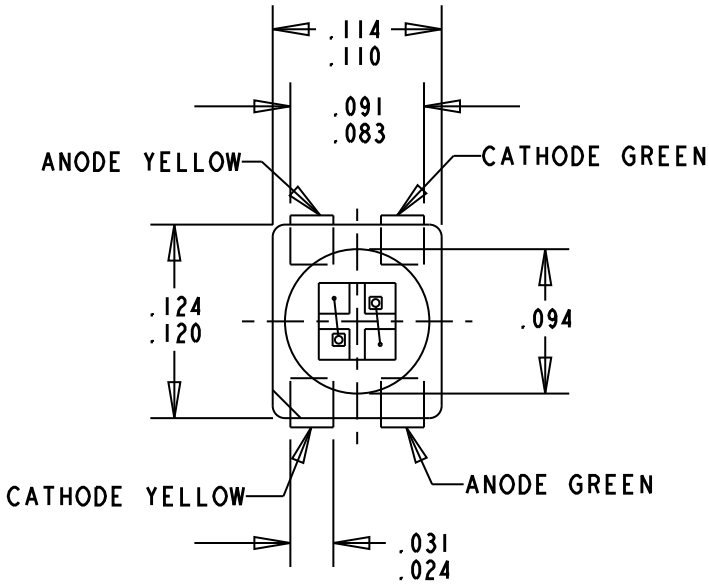
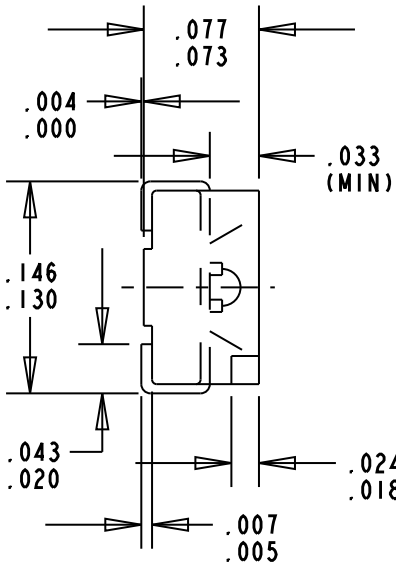
LED CHARACTERISTICS	COLOR	MIN.	TYP.	MAX.	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	YELLOW	8	16	40	mcd	I <sub>F</sub> = 20 mA
	GREEN	8	16	40		
FORWARD VOLTAGE	YELLOW		2.1	2.6	V	I <sub>F</sub> = 20 mA
	GREEN		2.0	2.7		
REVERSE CURRENT	YELLOW		10	100	μA	V <sub>R</sub> = 5 V
	GREEN		10	100		
PEAK WAVELENGTH	YELLOW		586		nm	
	GREEN		565			
DOMINANT WAVELENGTH	YELLOW	584	590	596	nm	
	GREEN	564	570	576		
VIEWING ANGLE (2 Θ 1/2)	YELLOW		120		DEG.	I <sub>F</sub> = 20 mA
	GREEN		120			

ABSOLUTE MAXIMUM RATINGS AT 25 °C AMBIENT	YELLOW	GREEN	UNITS
POWER DISSIPATION	95		mW
CONTINUOUS FORWARD CURRENT	30		mA
REVERSE VOLTAGE	5		V
OPERATING TEMPERATURE	-40 TO +100		°C
STORAGE TEMPERATURE	-40 TO +100		°C



IR REFLOW SOLDERING PROFILE FOR LEAD FREE SOLDERING

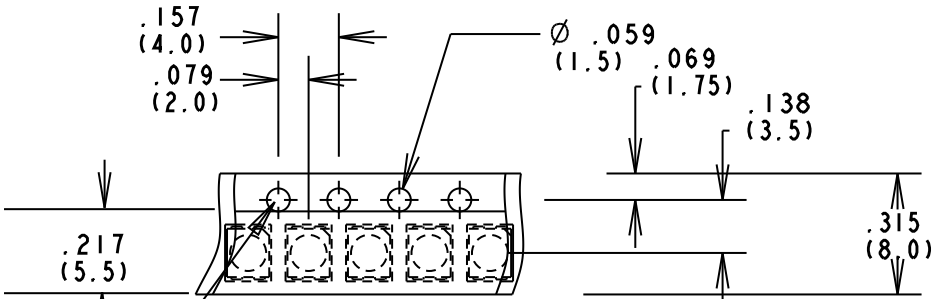
REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A		NEW RELEASE	TWC			
B		.130-.146 WAS ".125-.142"	AJF	KLJ	NO	4-2-10



RECOMMENDED SOLDER PAD LAYOUT

NOTE:

1. EPOXY COLOR: WATER CLEAR.
2. DIE: GaP FOR GREEN AND GaAsP/GaP FOR YELLOW.
3. LEADS: TIN (Sn) OVER NICKEL (Ni) WITH COPPER ALLOY (Cu) LEAD FRAME
4. SOLDER ADHERANCE: BOTH LEADS PER MIL-STD-202E, METHOD 208C.
5. PART TAPED AND REELED PER EIA-RS-481-1.
6. SUFFIX -202F FOR 20 PCS ON A SAMPLE TAPE STRIP.
7. SUFFIX -207F FOR 7" DIAMETER REEL, PACKAGED 2000 PCS PER REEL.
8. LABELING FOR REEL AND OUTSIDE OF ALUMINUM FOIL BAG:  
DIALIGHT P/N, R/G BICOLOR, QUANTITY PER REEL, DATE CODE,  
INTENSITY BIN CODE, LOT NUMBER AND COUNTRY OF ORIGIN.
9. DIALIGHT P/N:597-7721-202F, 597-7721-207F.
10. TAPE AND REEL LEDS MAY REQUIRE RE-TAPING AFTER TWELVE MONTHS.
11. PRODUCT P/N WITH "F" SUFFIXENDING IS RoHS COMPLIANT.



TAPE & REEL CONFIGURATION

REEL SPROCKET HOLES  
YELLOW CATHODE IDENTIFICATION  
NOTCH TOWARDS THESE HOLES

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-17261	REV B
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°	TITLE PLCC-4, Y/G BI-COLOR RoHS COMPLIANT	
FINISH:	MATERIAL	
FSCM 83330	Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
SHEET 1 OF 1	FAMILY TABLE:	