

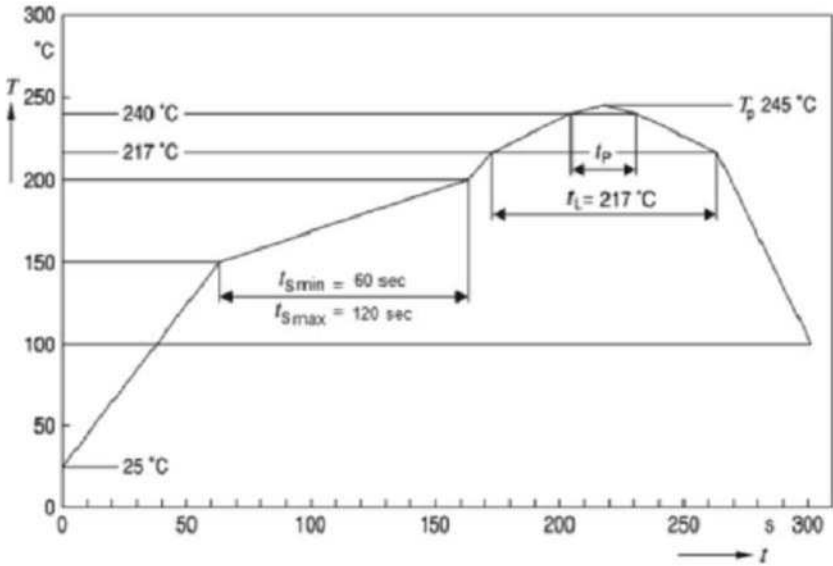
LED CHARACTERISTICS	COLOR	MIN.	TYP.	MAX.	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	YELLOW	4.5	—	18	mcd	I _F = 2 mA
	GREEN	2.8	—	11.2		
FORWARD VOLTAGE	YELLOW		1.8	2.2	V	I _F = 2 mA
	GREEN		1.8	2.2		
REVERSE CURRENT	YELLOW		.01	10	μA	V _R = 5 V
	GREEN		.01	10		
PEAK WAVELENGTH	YELLOW		591		nm	
	GREEN		572			
DOMINANT WAVELENGTH	YELLOW	580	587	595	nm	
	GREEN	566	570	575		
VIEWING ANGLE (2 θ 1/2)	YELLOW		120		DEG.	I F = 2 mA
	GREEN		120			

ABSOLUTE MAXIMUM RATINGS AT 25 °C AMBIENT	YELLOW	GREEN	UNITS
CONTINUOUS FORWARD CURRENT	15		mA
REVERSE VOLTAGE	12		V
OPERATING TEMPERATURE	-40 TO +100		°C
STORAGE TEMPERATURE	-40 TO +100		°C

RECOMMENDED RoHS SOLDER PROFILE

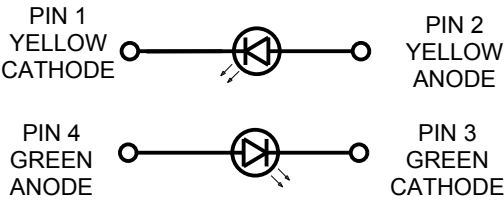
ABSOLUTE MAXIMUM RATINGS AT 25 °C AMBIENT	RED/GRN	YLW/GRN	UNITS
CONTINUOUS FORWARD CURRENT	15		mA
REVERSE VOLTAGE	12		V
SURGE CURRENT	100		mA
PEAK SOLDERING TEMPERATURE	245		°C
OPERATING TEMPERATURE	-40 TO +100		°C
STORAGE TEMPERATURE	-40 TO +100		°C
TIME ABOVE LIQUIDUS TEMPRATURE (t _L)	80 Seconds Minimum		S
	100 Seconds Maximum		
TIME WITHIN 5 °C OF SPECIFIED PEAK TEM (T _P - 5 °C)	10 Seconds Minimum		S
	30 Seconds Maximum		
PEAK TEMPRATURE T _P	245 Recommended		°C
	260 Maximum		
RAMP-UP RATE TO PREHEAT (25 °C TO 150 °C)	2 ° C/s Recommended 3 ° C/s Max		° C/S
RAMP-UP RATE TO PEAK (T _{S MAX} to T _P)			
RAMP-DOWN RATE (T _P to 100 °C)	3 ° C/s Recommended		° C/S
	6 ° C/s Max		
TIME (25 °C to T _P)	480 Seconds Maximum		s

NOTE:
1. EPOXY COLOR: WATER CLEAR.
2. DIE: InGaAlP FOR BOTH YELLOW AND GREEN
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, Y/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" SUFFIX ENDING IS RoHS COMPLIANT.

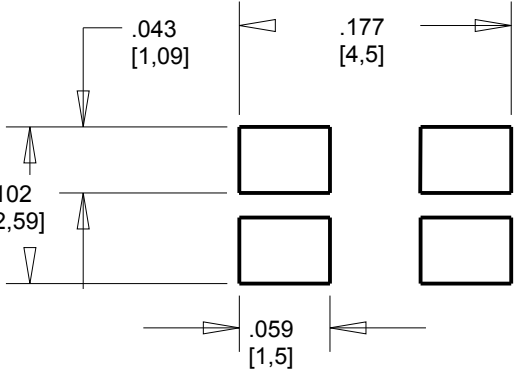
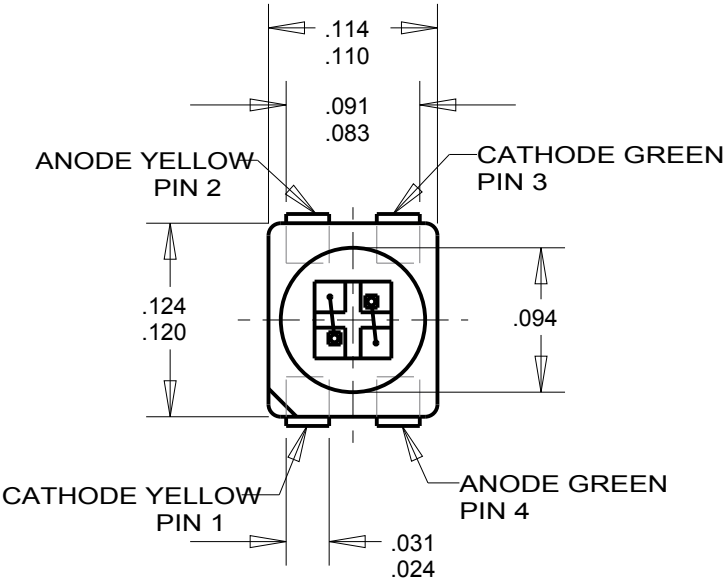
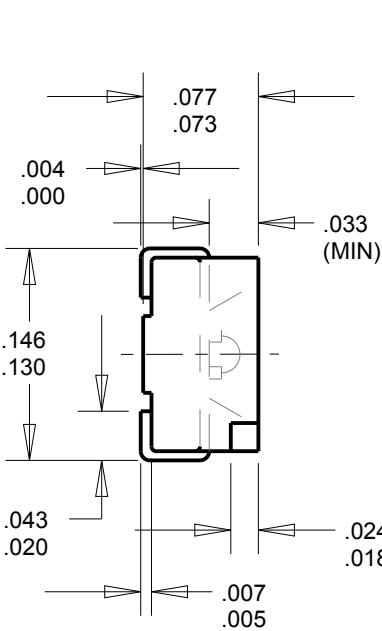


IR REFLOW SOLDERING PROFILE FOR LEAD FREE SOLDERING

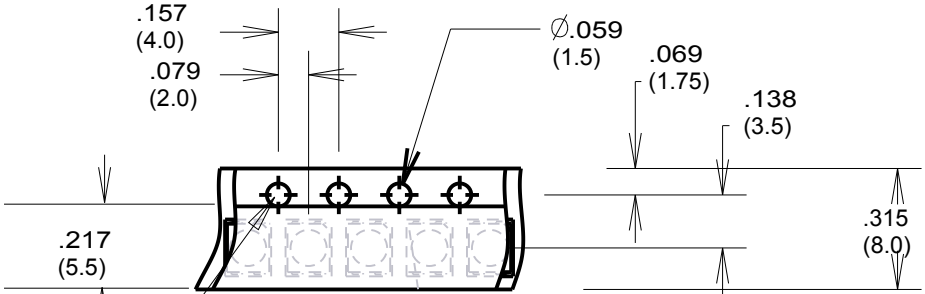
REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	TWC	—	—	—
B	—	.130-.146 WAS ".125-.142"	AJF	KLJ	NO	4-2-10
C	—	UPDATED REVERSE CURRENT, PEAK WAVELENGTH FOR GREEN, AND REVERSE VOLTAGE. ALSO UPDATED NOTE 8	BP	—	NO	5-16-17
D	—	CHANGED LED SPECS LOW CURRENT TO 2MA MORE EFFICIENT LED	LD			



LED SCHEMATIC



RECOMMENDED SOLDER PAD LAYOUT



REEL SPROCKET HOLES
YELLOW CATHODE IDENTIFICATION
NOTCH TOWARDS THESE HOLES

TAPE & REEL CONFIGURATION

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SCALE: DRAWING SCALE ALL DIM'S IN: INCHES (MM)	DRAWING NUMBER C-17261	REV D
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 2		FAMILY TABLE:

