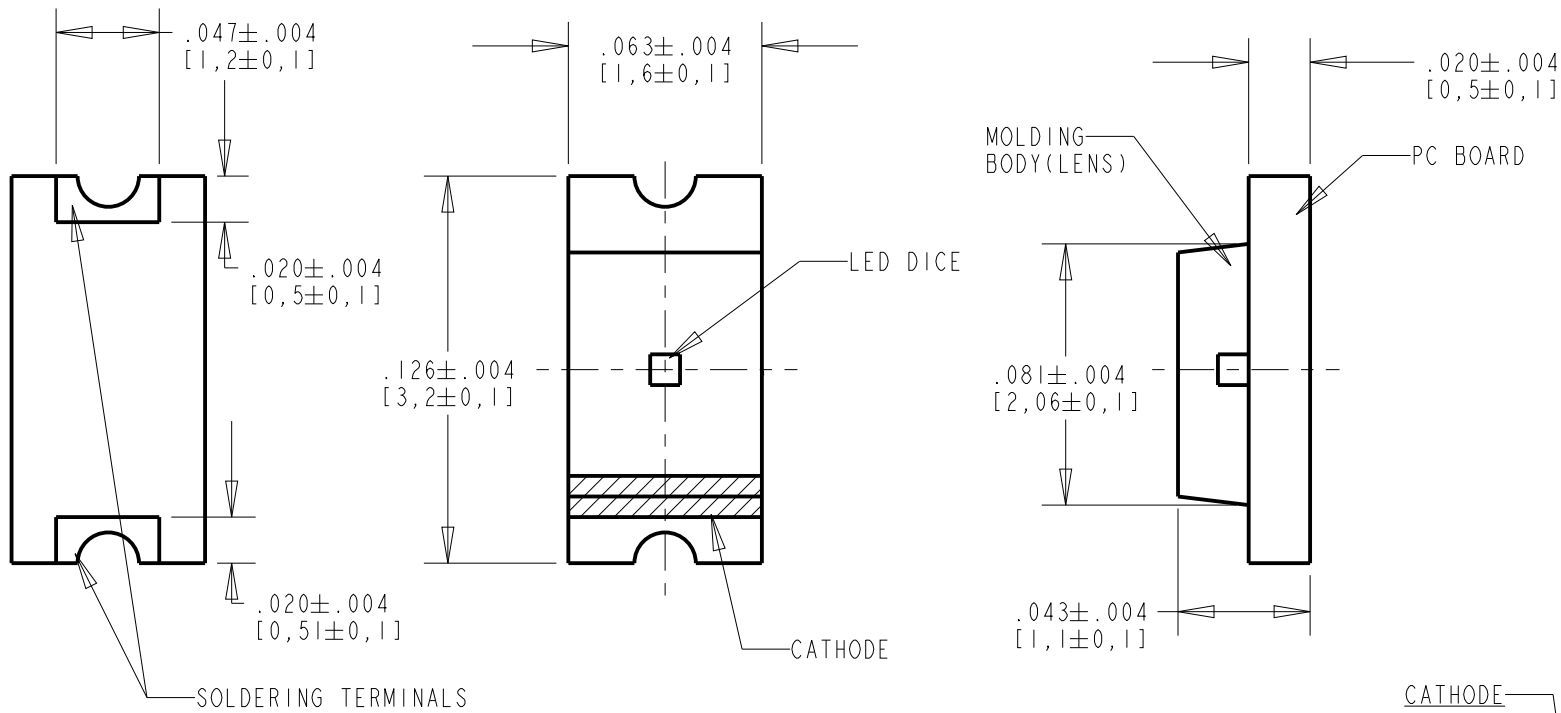
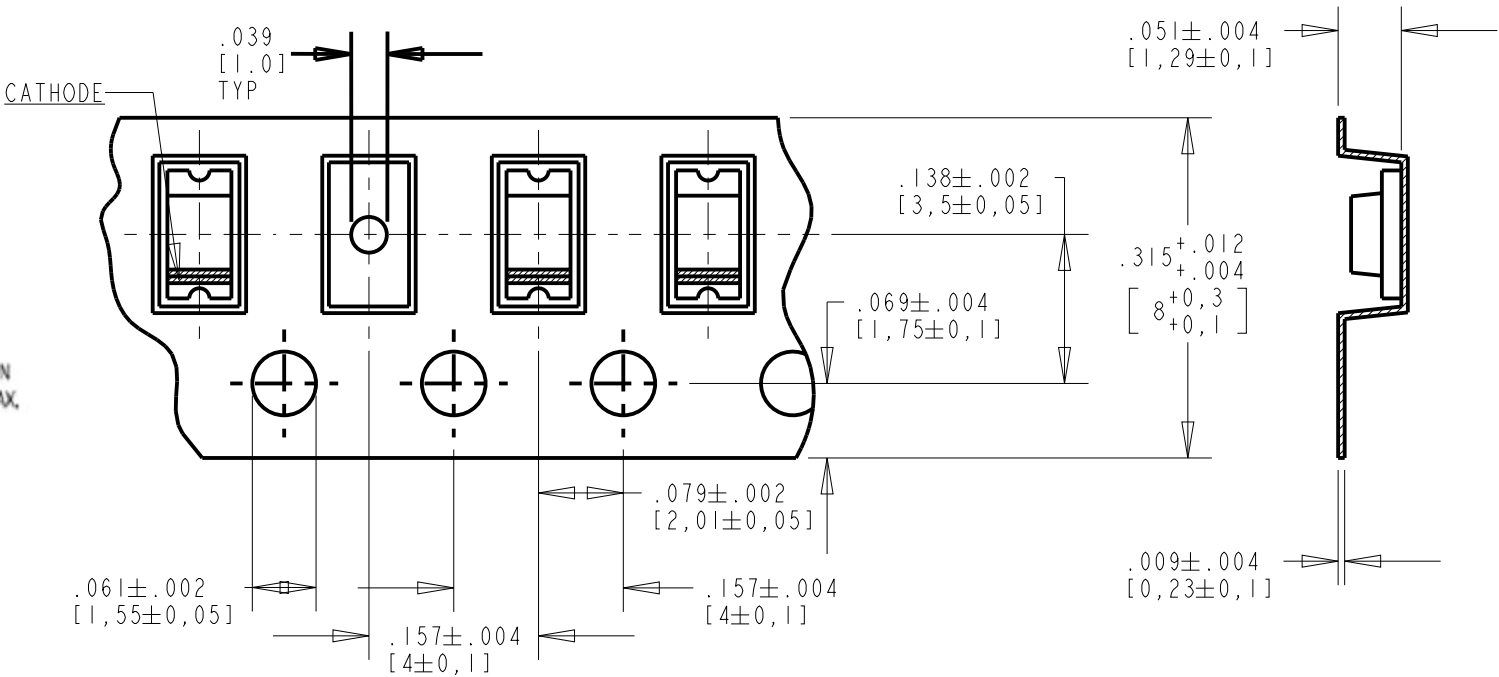
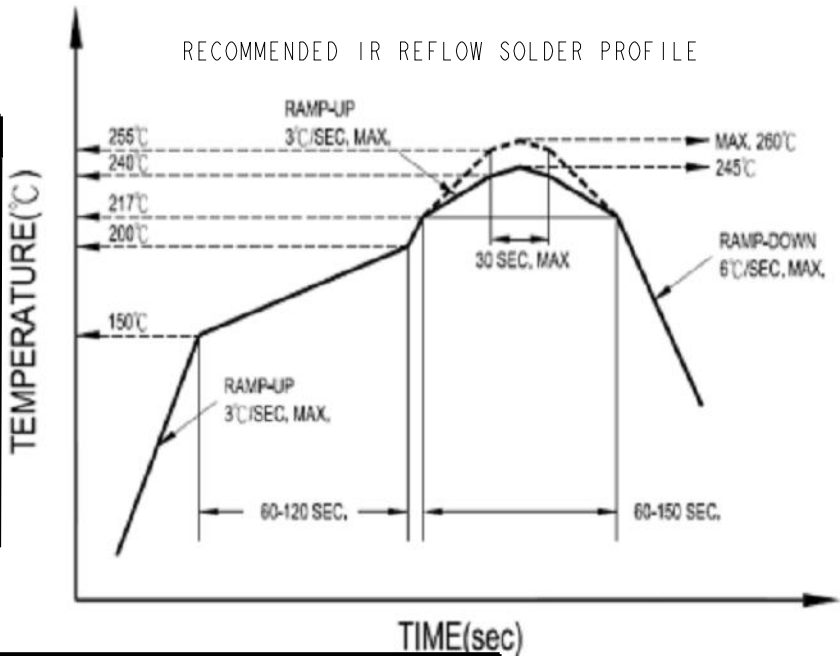


REV.	ECN NO.	REVISIONS	DRN.	CKD.	APP.	DATE
A		NEW RELEASE	TC	AV	N.O.	4-22-99
B		ADDED NOTE 9.	TC			
C		UPDATE LED SPECS	RSK	WFB	NO	12/4/14



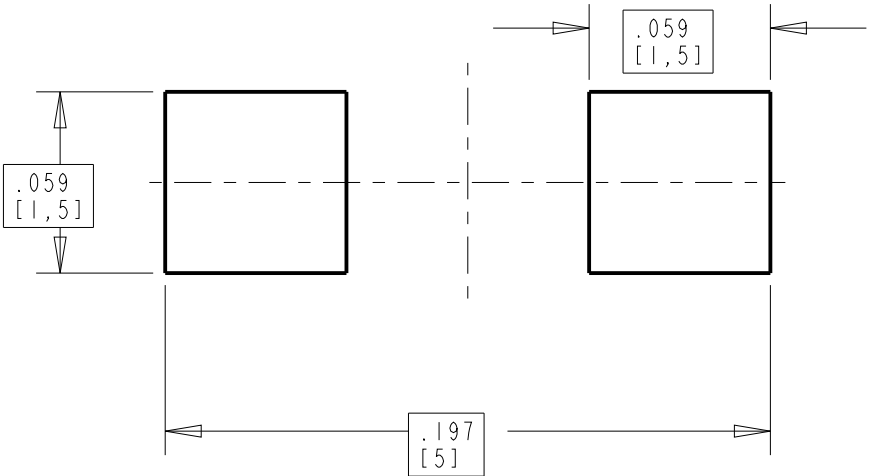
- NOTES:
1. EPOXY COLOR: WATER CLEAR.
 2. DIE: GaAsP ON GaP.
 3. LEADS: SOLDER PLATED.
 4. SOLDER ADHERANCE: BOTH LEADS PER MIL-STD-202E, METHOD 208C.
 5. PART TAPED AND REELED PER EIA-RS-481-1.
 6. PART SUPPLIED 3000 DEVICES PER 7" DIAMETER REEL, ONE REEL PER SEALED ALUMINUM BAG WITH DESICCANT.
 7. LABELING FOR REEL AND OUTSIDE OF ALUMINUM FOIL BAG: DIALIGHT P/N, QUANTITY PER REEL, DATE CODE, INTENSITY BIN CODE, LOT NUMBER AND COUNTRY OF ORIGIN.
 8. DIALIGHT P/N: 597-3403-607F.
 9. TAPE AND REEL LEDS MAY REQUIRE RE-TAPING AFTER TWELVE MONTHS.

ABSOLUTE MAXIMUM RATINGS AT 25 °C AMBIENT		
	YELLOW	UNITS
POWER DISSIPATION	50	mW
DERATE LINEARLY FROM 50° C	0.4	mA/°C
DC FORWARD CURRENT	20	mA
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	40	mA
REVERSE VOLTAGE	5	V
OPERATING TEMPERATURE	-40 TO +85	°C
STORAGE TEMPERATURE	-40 TO +85	°C
INFRARED SOLDERING CONDITION	260 °C FOR 10 SEC	



PACKAGE DIMENSIONS OF TAPE AND REEL

OPERATING CHARACTERISTICS AT 25 °C AMBIENT					
LED CHARACTERISTICS	MIN.	TYP.	MAX.	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY (I _V)	4.5	—	18.0	mcd	I _F = 10 mA
VIEWING ANGLE (2 θ 1/2)	—	130	—	DEGREES	
PEAK WAVELENGTH (λ _p)	—	585	—	nm	MEASUREMENT @ PEAK
DOMINANT WAVELENGTH (λ _d)	585	—	592	nm	
SPECTRAL LINE HALF-WIDTH (Δλ)	—	15	—	nm	
FORWARD VOLTAGE (V _F)	—	2.1	2.6	V	I _F = 20 mA
REVERSE CURRENT (I _R)	—	—	10	μA	V _R = 5V



SUGGESTED SOLDERING PAD DIMENSIONS

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SCALE: NONE	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-16529	C
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	
FRACTIONS: ±1/64	SMD 1206 YELLOW FLAT W.C.	
DECIMALS (.XX): ±.01	MATERIAL	
DECIMALS (.XXX): ±.005		
DECIMALS (.XXXX): ±.0005		
ANGLES: ±1°		
FINISH:		
FSCM 83330	Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
SHEET 1 OF 1	FAMILY TABLE:	