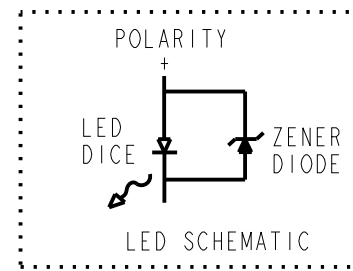
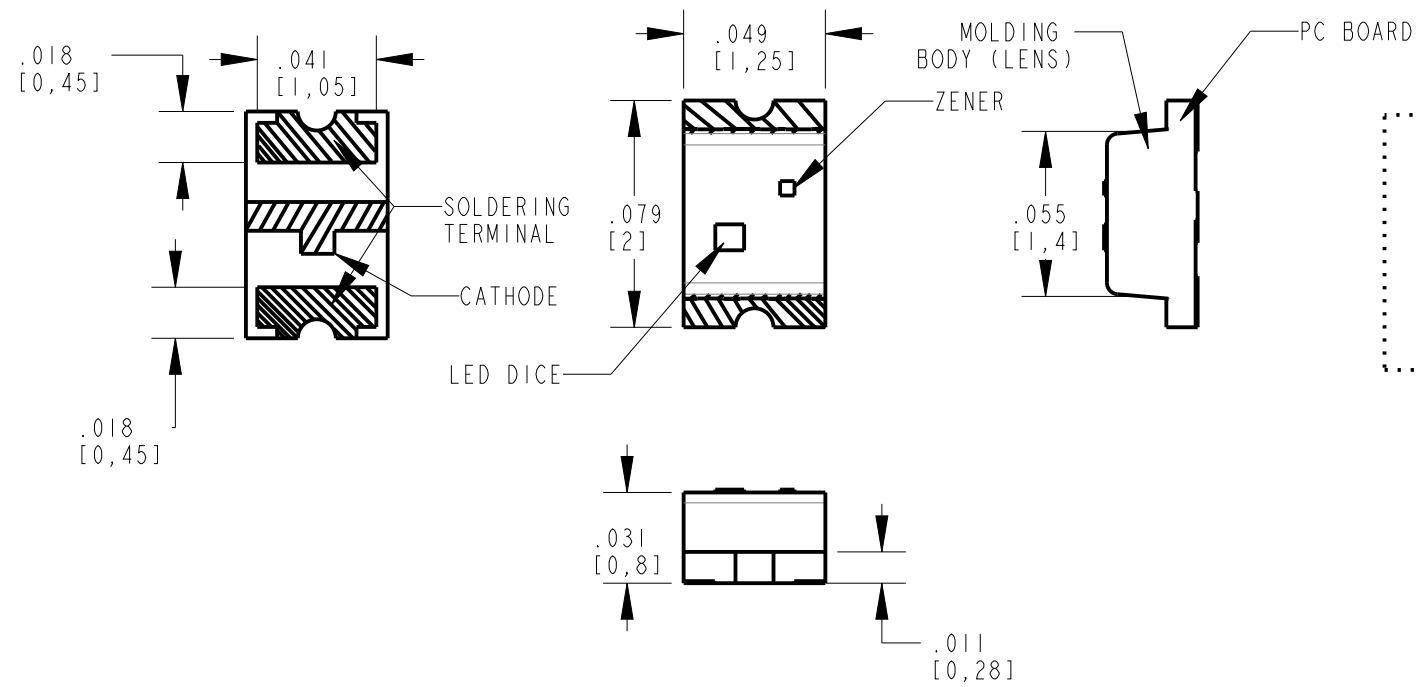


REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	BP	—	NO	2-8-18



NOTES:

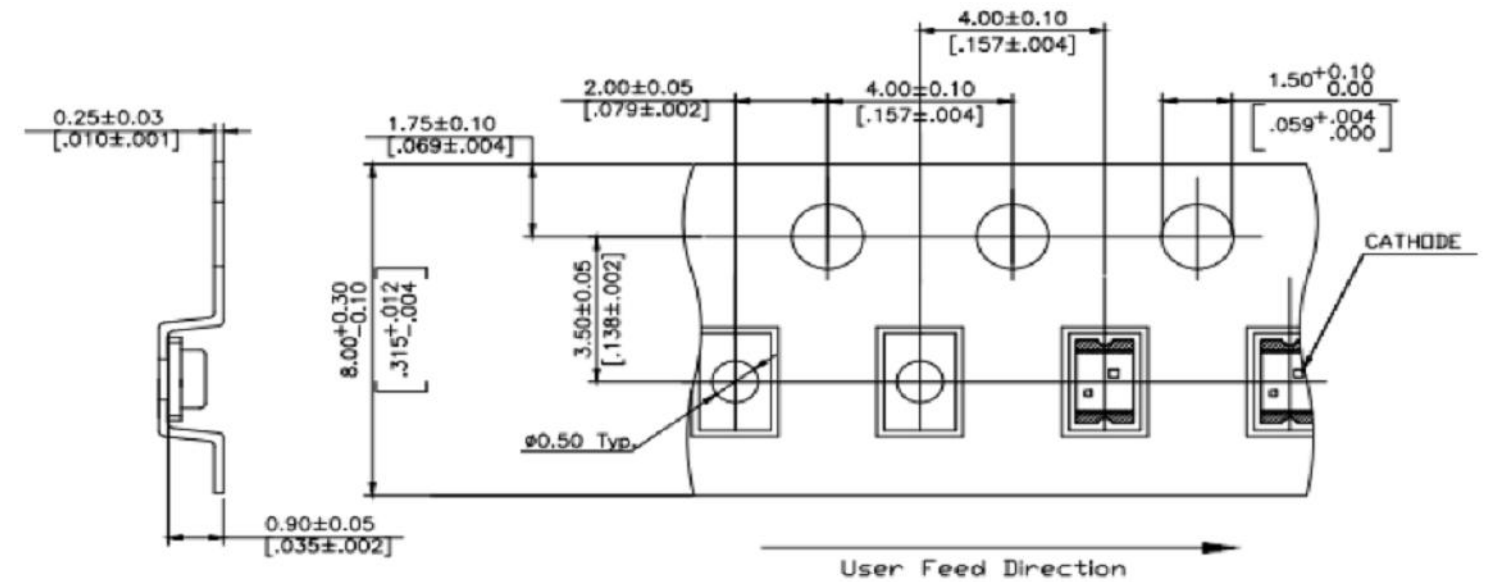
- DIALIGHT P/N: 597-3605-602F, 597-3605-607F
SUFFIX -602F FOR 20 PCS ON A SAMPLE TAPE STRIP
SUFFIX -607F FOR 7" DIAMETER REEL, PACKAGED 3000 PCS PER REEL.
- LABELING FOR REEL AND OUTSIDE OF ALUMINUM FOIL BAG:
DIALIGHT P/N, QUANTITY PER REEL, DATE CODE, INTENSITY BIN CODE, LOT NUMBER AND COUNTRY OF ORIGIN.
- TAPE AND REEL LEDS MAY REQUIRE RE-TAPING AFTER TWELVE MONTHS.
- ESD WITHSTAND VOLTAGE 2KV ACC. TO JESD22-A114-D

OPERATING CHARACTERISTICS AT 25° C AMBIENT

LED COLOR	PEAK WAVELENGTH (nm)	LUMINOUS INTENSITY (mcd) @ I _f =2mA			DOMINANT WAVELENGTH (nm) @ I _f =2mA			FORWARD VOLTAGE (V) @ I _f =2mA			VIEWING ANGLE (DEGREES)
		MIN	TYP	MAX	MIN	TYP	MAX	MIN	TYP	MAX	
BLUE	468	4.5	15	18	465	—	480	2.65	2.80	3.05	130

ABSOLUTE MAXIMUM RATINGS AT 25° C AMBIENT

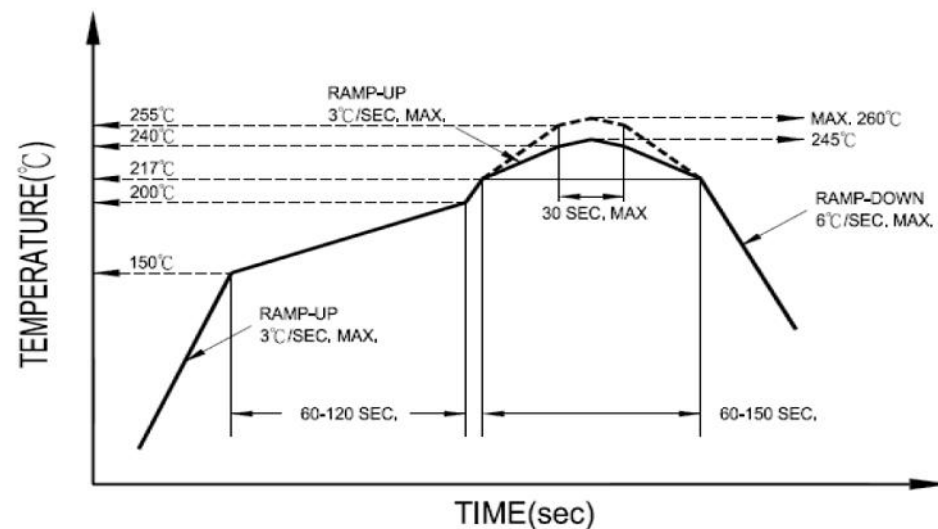
	BLUE	UNITS
POWER DISSIPATION	38	mW
CONTINUOUS FORWARD CURRENT	10	mA
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 10ms PULSE WIDTH)	40	mA
REFLOW SOLDERING TEMPERATURE FOR 10 SEC.	260	°C
OPERATING TEMPERATURE	-20 TO +80	°C
STORAGE TEMPERATURE	-30 TO +100	°C
ELECTROSTATIC DISCHARGE THRESHOLD (HBM)	2000	V



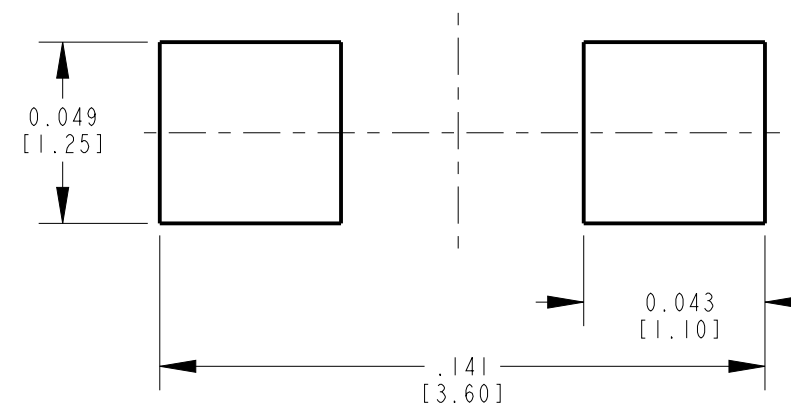
PACKAGE DIMENSIONS OF TAPE AND REEL



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES



RECOMMENDED ROHS SOLDER PROFILE



SUGGEST SOLDERING PAD DIMENSIONS

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DIALIGHT CORP INTERNAL REFERENCE ONLY = 3D MODEL : 4500521846216-A.2		
SCALE: 15.000	DRAWING NUMBER	REV
ALL DIM'S: INCH (mm)	C-18375	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	
FRACTIONS: ±1/64	SM 0805 BLUE W ZENER LC 2MA	
DECIMALS (.XX): ±.01	MATERIAL	
DECIMALS (.XXX): ±.005		
DECIMALS (.XXXX): ±.0005		
ANGLES: ±1°		
FINISH		
FSCM 83330	Dialight	
	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 (732) 919-3119 www.dialight.com	
	SHEET 1 OF 1	FAMILY TABLE: