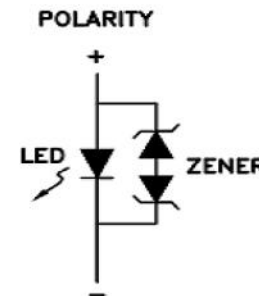
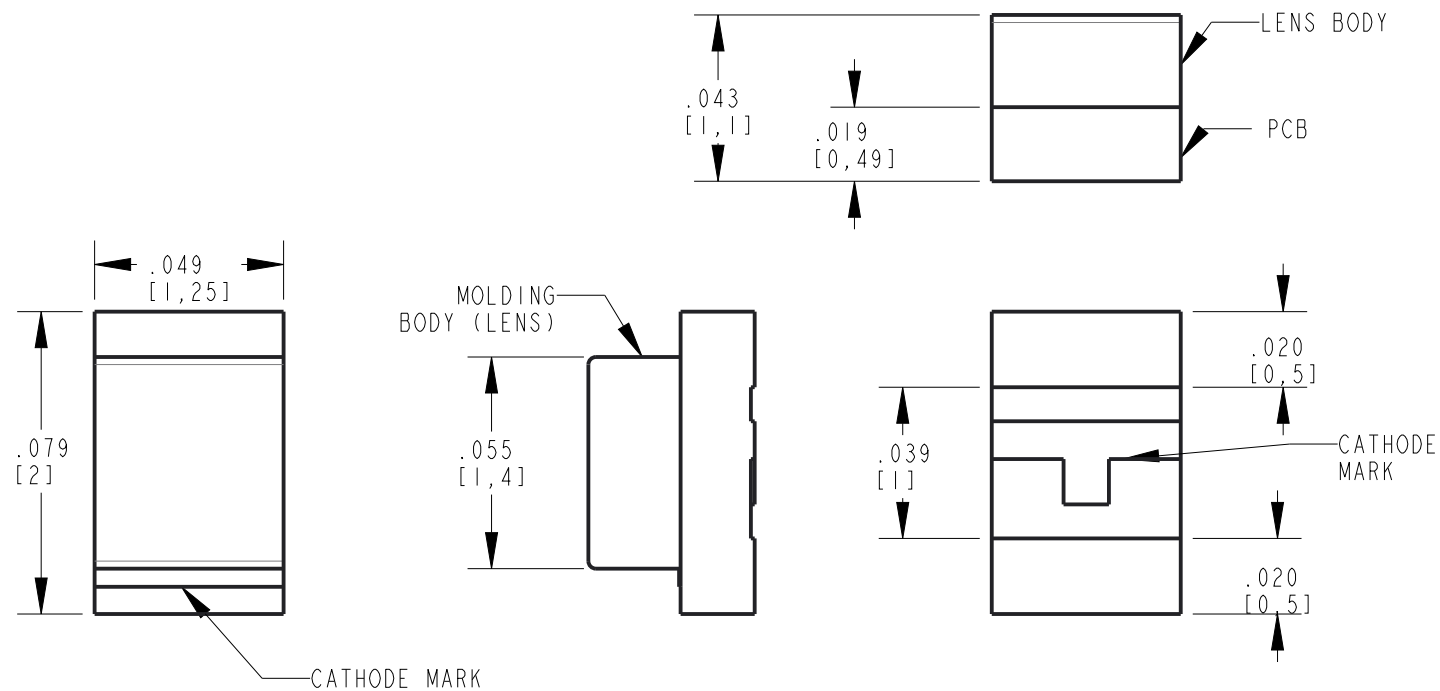


REV	REVISIONS	DRN	APP	DATE
A	NEW RELEASE	BP	NO	2-8-18
B	MODEL WAS UPDATED	LD	NO	3-16-22

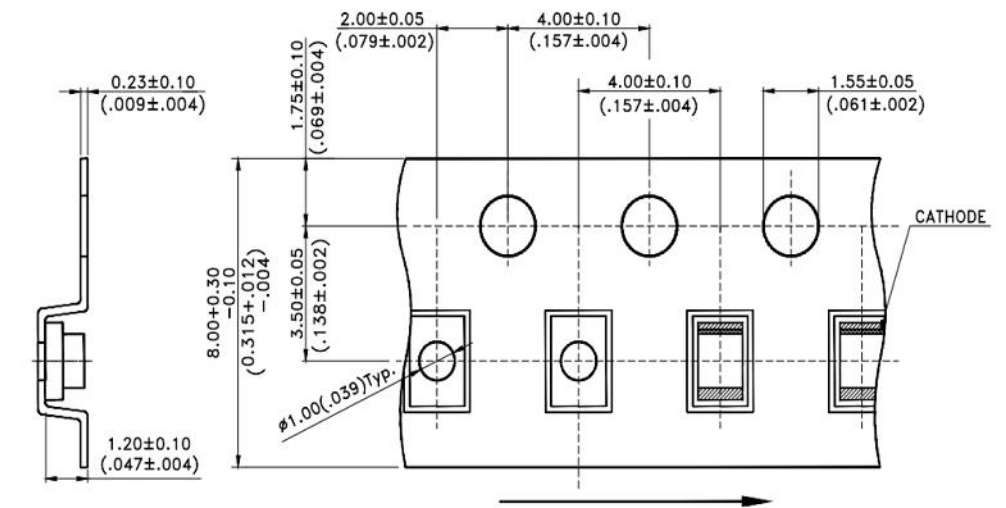


NOTES:

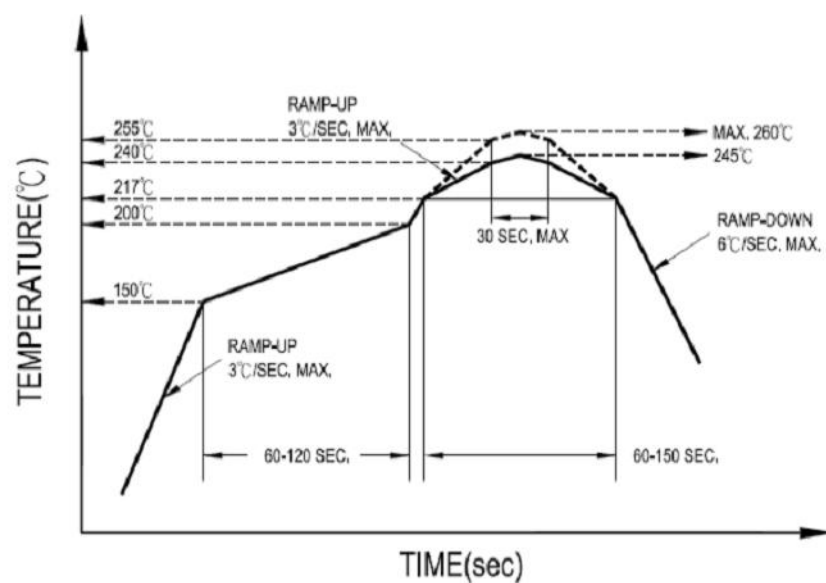
- DIALIGHT P/N: 597-3605-602F, 597-3605-607F
SUFFIX -602F FOR 20 PCS ON A SAMPLE TAPE STRIP
SUFFIX -607F FOR 7" DIAMETER REEL, PACKAGED 3000 PCS PER REEL.
- LABELING FOR REEL AND OUTSIDE OF ALUMINUM FOIL BAG:
DIALIGHT P/N, QUANTITY PER REEL, DATE CODE, INTENSITY BIN CODE,
LOT NUMBER AND COUNTRY OF ORIGIN.
- 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)
		TYP	MIN	TYP	MAX	MIN	TYP	MAX	MIN	TYP	
BLUE	468	4.5	15	18	465	—	480	2.65	2.80	3.05	130

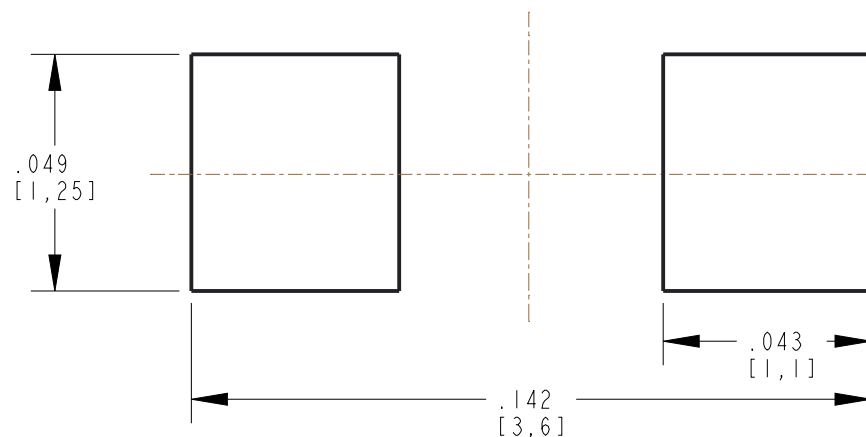
ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT		BLUE	UNITS
POWER DISSIPATION		38	mW
CONTINUOUS FORWARD CURRENT		10	mA
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 10ms PULSE WIDTH)		40	mA
ELECTROSTATIC DISCHARGE THRESHOLD (HBM)		2000	V
REFLOW SOLDERING TEMPERATURE FOR 10 SEC.		260	°C
OPERATING TEMPERATURE		-20 TO +80	°C
STORAGE TEMPERATURE		-30 TO +100	°C



PACKAGE DIMENSION OF TAPE AND REEL



RECOMMENDED ROHS SOLDER PROFILE



RECOMMENDED PAD LAYOUT



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

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DIALIGHT CORP INTERNAL REFERENCE ONLY = 3D MODEL : 4500521846016-A.3		
SCALE: 20.000	DRAWING NUMBER	REV
ALL DIM'S: INCH (mm)	C-18375	B
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	
FRACTIONS: ±1/64	SM 0805 BLUE W ZENER LC 2MA	
DECIMALS (.XX): ±.01	MATERIAL	
DECIMALS (.XXX): ±.005	SEE BOM	
DECIMALS (.XXXX): ±.0005	FINISH	
ANGLES: ±1°	FSCM 83330	
SHEET 1 OF 1		FAMILY TABLE:

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