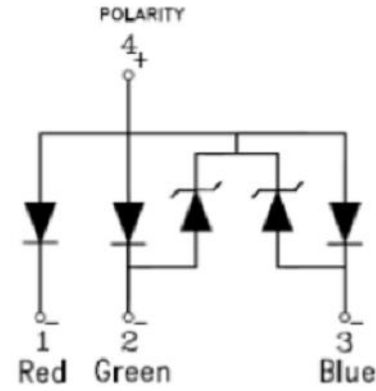
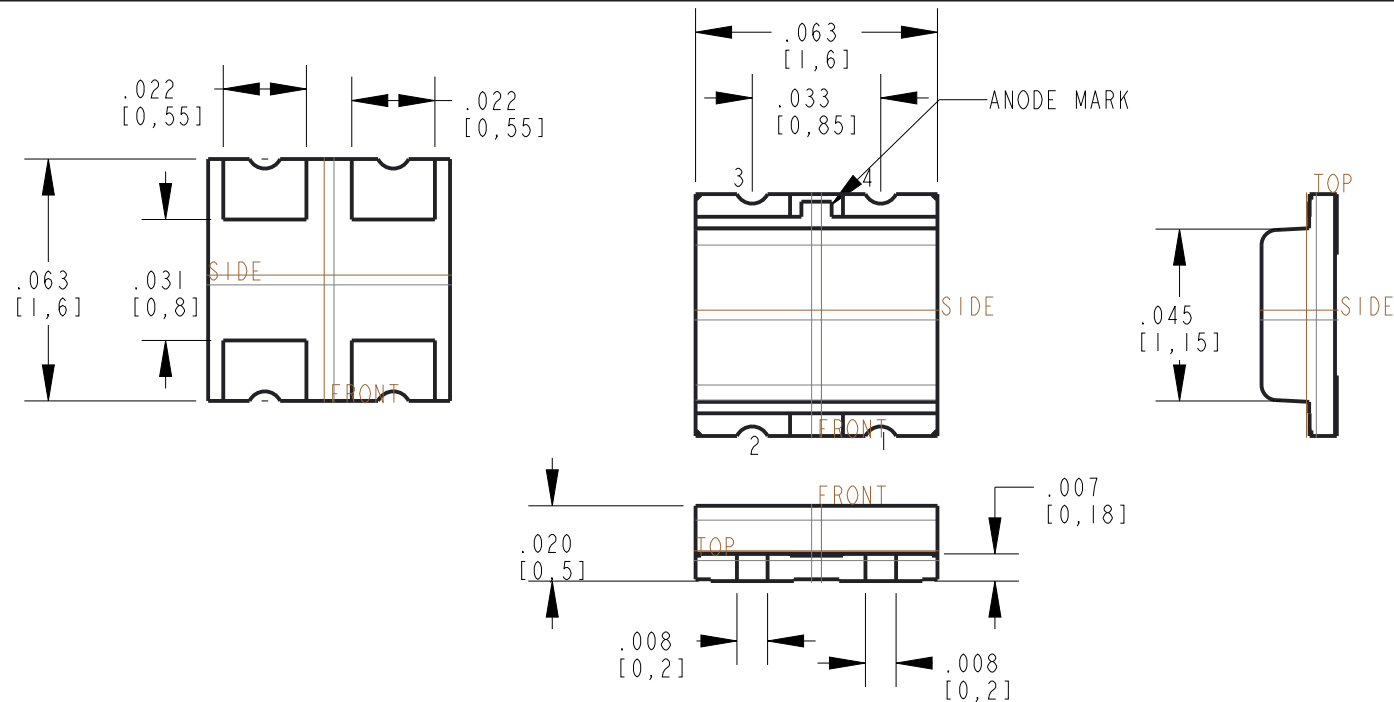


REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	BP	—	NO	2-8-18
B		607F WAS 3000 PCS PER REEL	LD		CS	6-7-22



LED SCHEMATIC

NOTES:

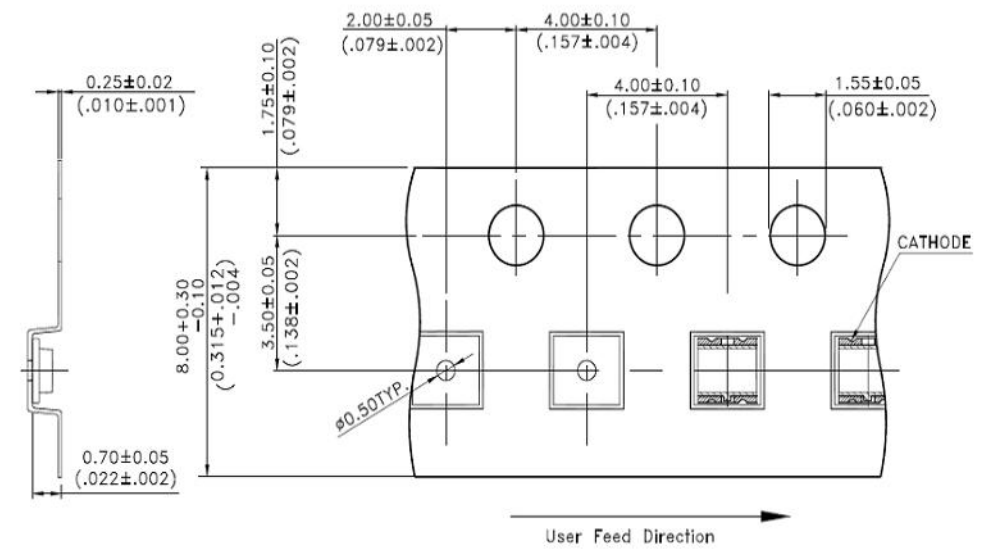
- DIALIGHT P/N: 597-7715-602F, 597-7715-607F  
SUFFIX -602F FOR 20 PCS ON A SAMPLE TAPE STRIP  
SUFFIX -607F FOR 7" DIAMETER REEL, PACKAGED 4000 PCS PER REEL.
- LABELING FOR REEL AND OUTSIDE OF ALUMINUM FOIL BAG:  
DIALIGHT P/N, QUANTITY PER REEL, DATE CODE, INTENSITY BIN CODE, LOT NUMBER AND COUNTRY 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

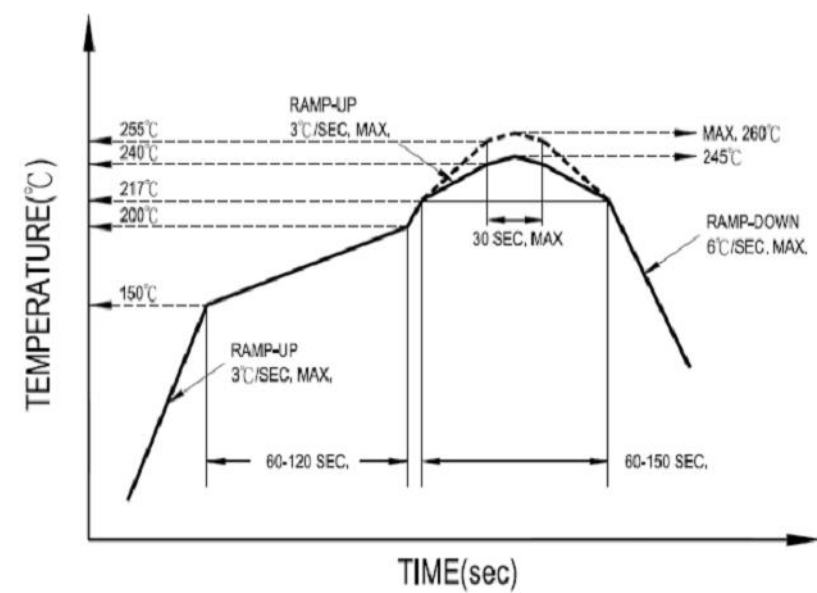
LED COLOR	PEAK WAVELENGTH (nm)	LUMINOUS INTENSITY (mcd) @ I <sub>f</sub> = 5mA				DOMINANT WAVELENGTH (nm) @ I <sub>f</sub> = 5mA			FORWARD VOLTAGE (V) @ I <sub>f</sub> = 5mA			VIEWING ANGLE (DEGREES)
	TYP	MIN	TYP	MAX	MIN	TYP	MAX	MIN	TYP	MAX	TYP	
RED	632	15	—	50	617	—	629	1.60	—	2.30	130	
GREEN	518	71	—	145	525	—	540	2.50	—	3.30		
BLUE	468	10	—	30	465	—	475	2.50	—	3.10		

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT

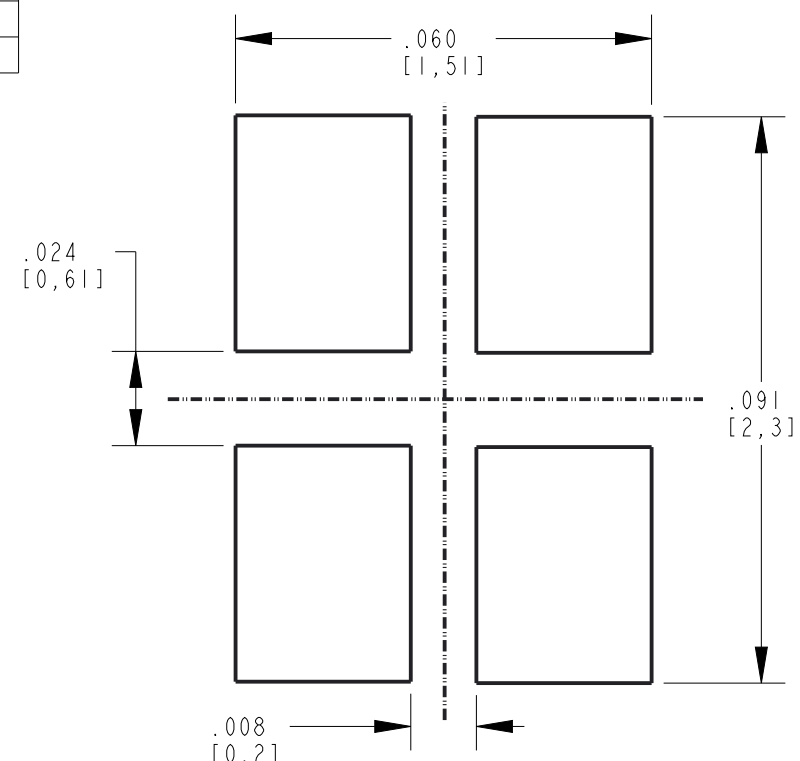
	RED	GREEN	BLUE	UNITS
POWER DISSIPATION	50	38		mW
CONTINUOUS FORWARD CURRENT	20	10		mA
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 10ms PULSE WIDTH)	40			mA
ELECTROSTATIC DISCHARGE THRESHOLD (HBM)	2000			V
REFLOW SOLDERING TEMPERATURE FOR 10 SEC.	260			°C
OPERATING TEMPERATURE	-20 TO +80			°C
STORAGE TEMPERATURE	-30 TO +85			°C



PACKAGE DIMENSION OF TAPE AND REEL



RECOMMENDED ROHS SOLDER PROFILE



**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-18374	B
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	
FRACTIONS: ±1/64	SM 0606 R,G,B W ZENER LC 5mA	
DECIMALS (.XX): ±.01	MATERIAL	
DECIMALS (.XXX): ±.005		
DECIMALS (.XXXX): ±.0005		
ANGLES: ±1°		
FINISH		
FSCM 83330		
	SHEET 1 OF 1	FAMILY TABLE:

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