



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

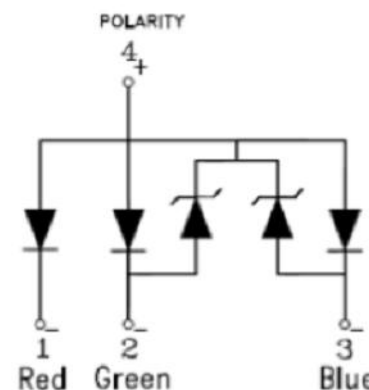
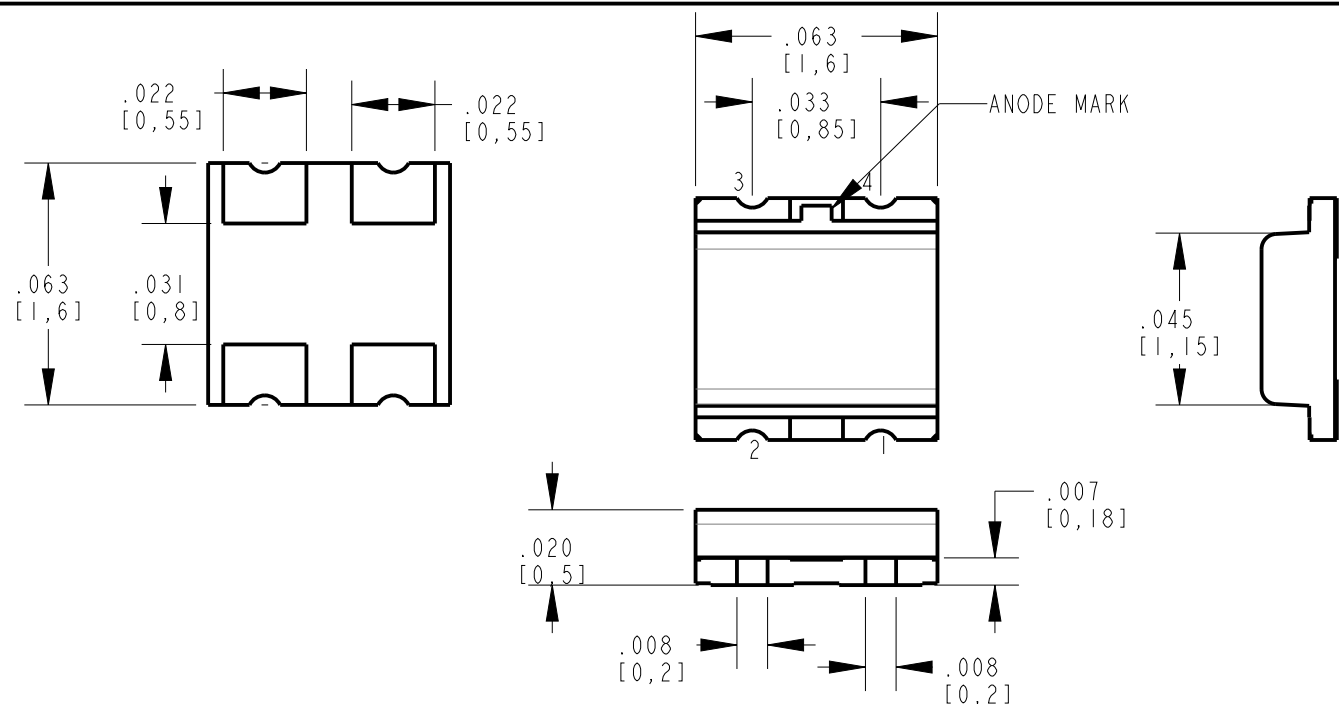
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REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	BP	—	NO	2-8-18



LED SCHEMATIC

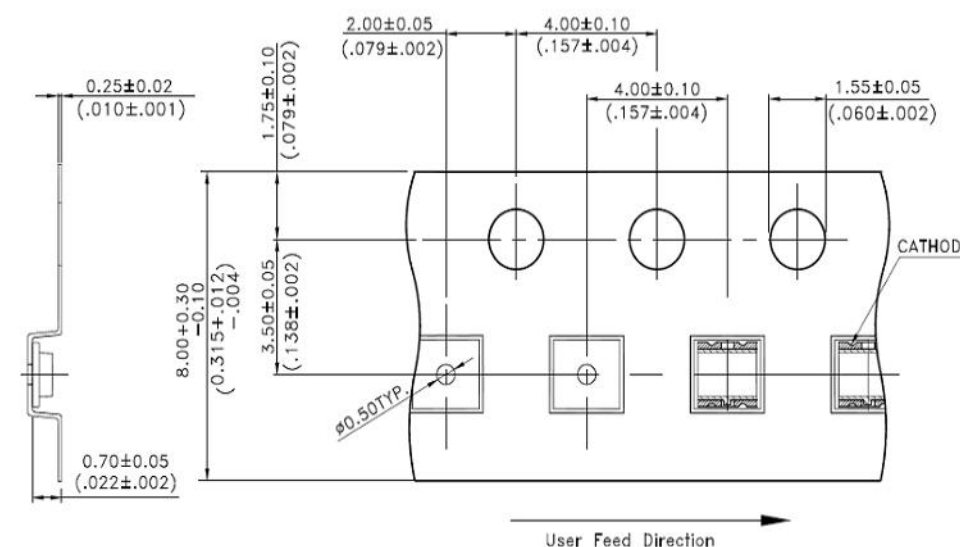
NOTES:

- 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 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

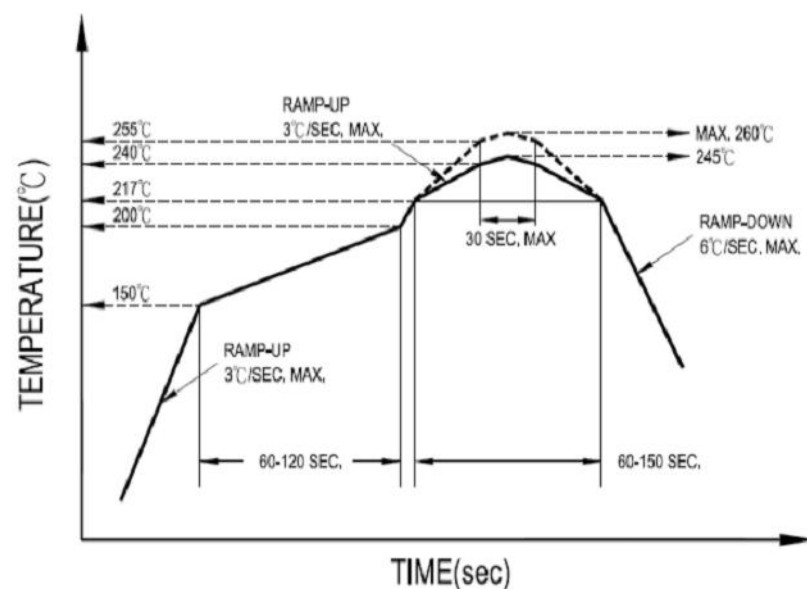
OPERATING CHARACTERISTICS AT 25° C AMBIENT

LED COLOR	PEAK WAVELENGTH (nm)	LUMINOUS INTENSITY (mcd) @ I <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		

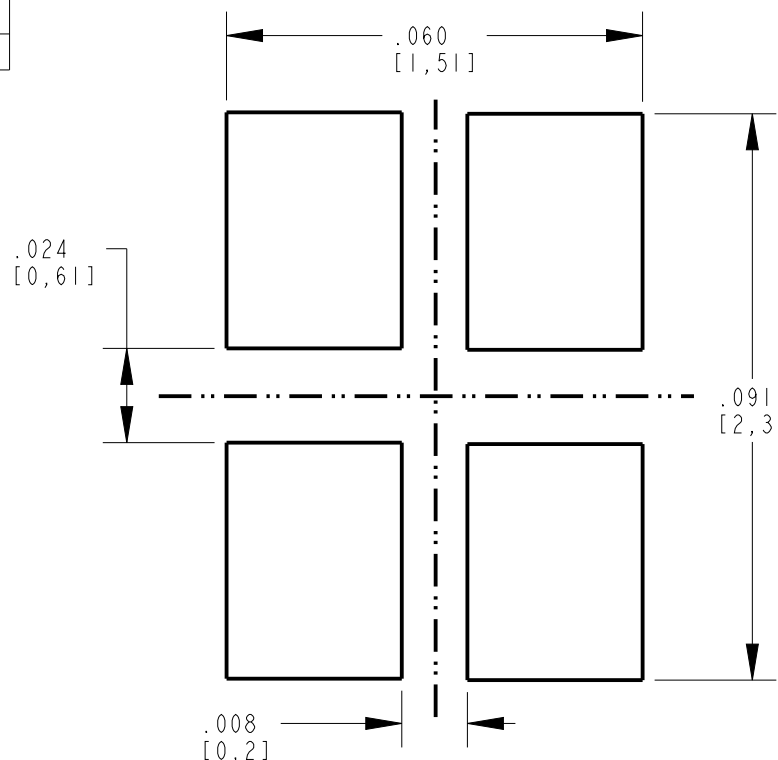
ABSOLUTE MAXIMUM RATINGS AT 25° C AMBIENT	RED	GREEN	BLUE	UNITS
POWER DISSIPATION	50	38		mW
CONTINUOUS FORWARD CURRENT	20	10		mA
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 10ms PULSE WIDTH)	40			mA
ELECTROSTATIC DISCHARGE THRESHOLD (HBM)	2000			V
REFLOW SOLDERING TEMPERATURE FOR 10 SEC.	260			°C
OPERATING 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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DECIMALS (.XX): ±.01	MATERIAL	
DECIMALS (.XXX): ±.005		
DECIMALS (.XXXX): ±.0005		
ANGLES: ±1°		
FINISH		
FSCM 83330	<b>Dialight</b> 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 (732) 919-3119 www.dialight.com	
SHEET 1 OF 1	FAMILY TABLE:	