



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

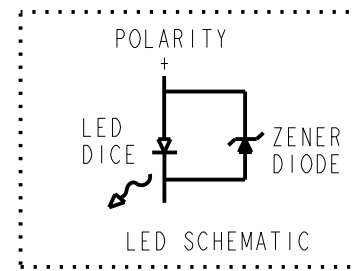
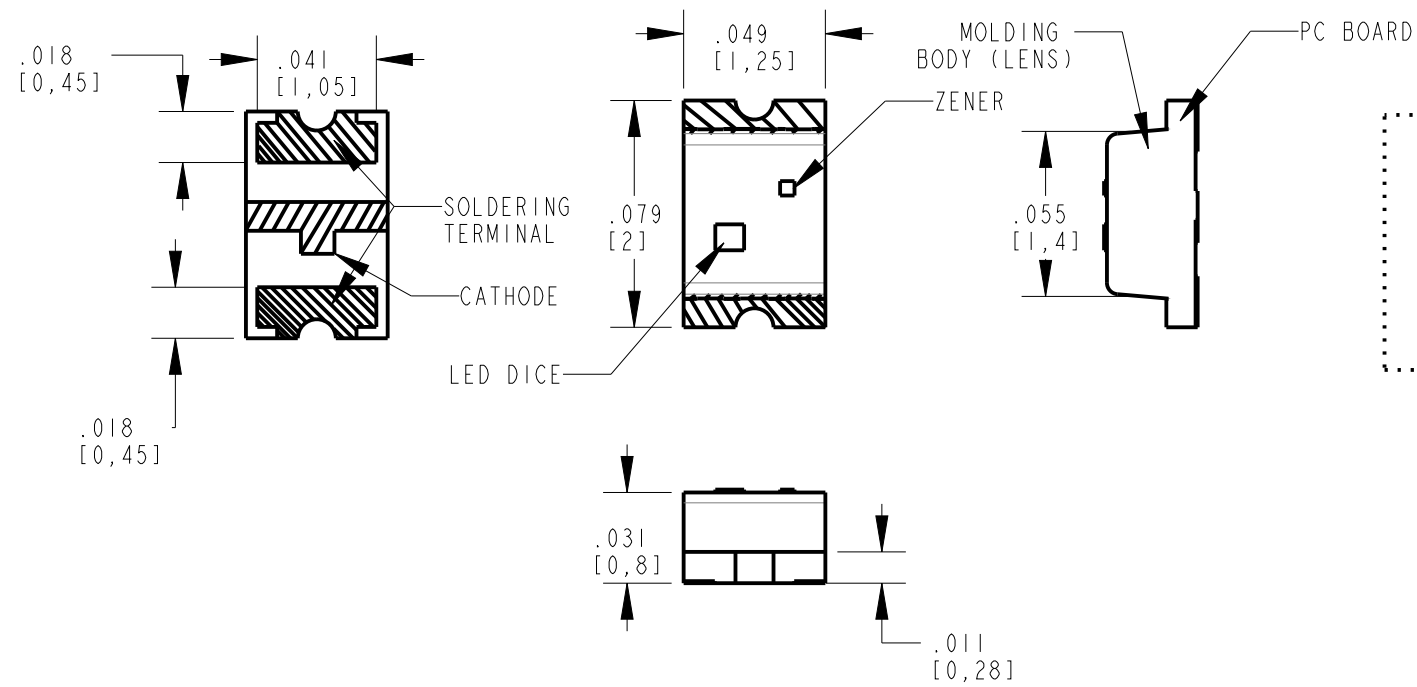
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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



NOTES:

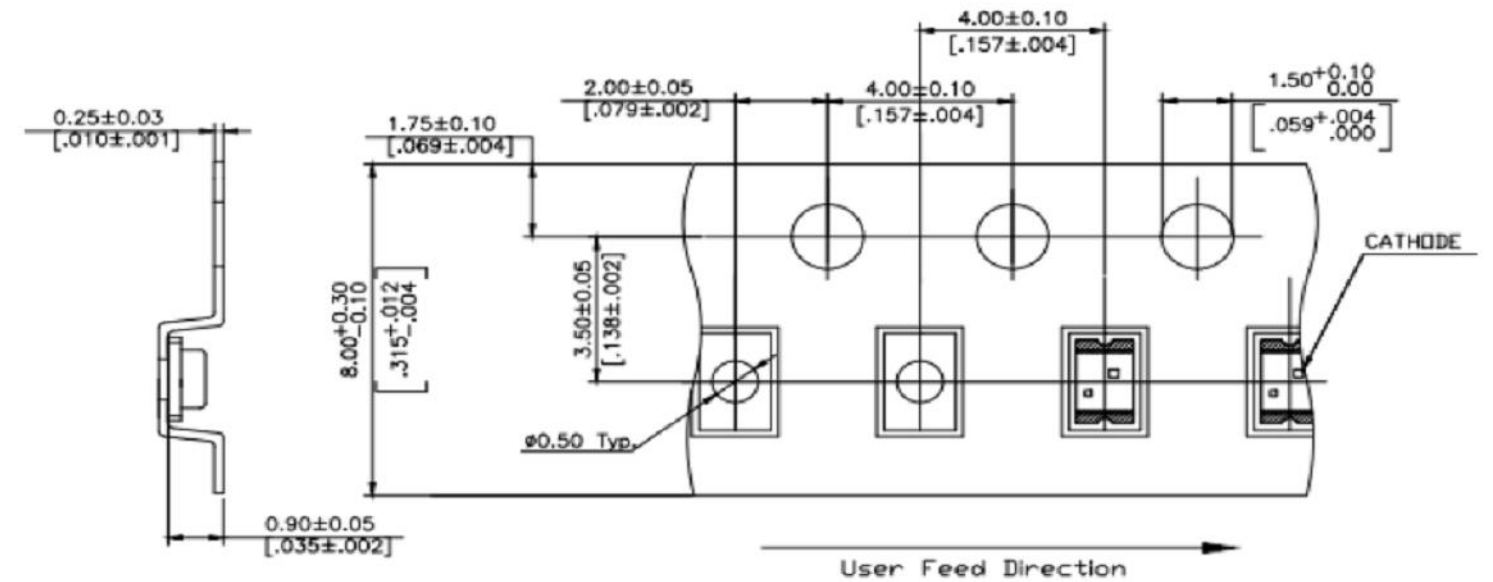
- DIALIGHT P/N: 597-3605-602F, 597-3605-607F
SUFFIX -602F FOR 20 PCS ON A SAMPLE TAPE STRIP
SUFFIX -607F FOR 7" DIAMETER REEL, PACKAGED 3000 PCS PER REEL.
- LABELING FOR REEL AND OUTSIDE OF ALUMINUM FOIL BAG:
DIALIGHT P/N, QUANTITY PER REEL, DATE CODE, INTENSITY BIN CODE, LOT NUMBER AND COUNTRY OF ORIGIN.
- 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

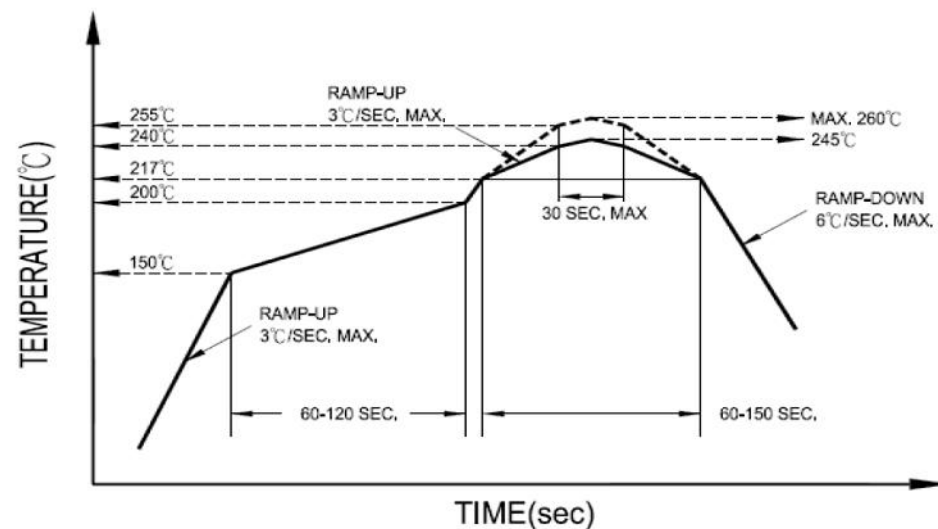
	BLUE	UNITS
POWER DISSIPATION	38	mW
CONTINUOUS FORWARD CURRENT	10	mA
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 10ms PULSE WIDTH)	40	mA
REFLOW SOLDERING TEMPERATURE FOR 10 SEC.	260	°C
OPERATING TEMPERATURE	-20 TO +80	°C
STORAGE TEMPERATURE	-30 TO +100	°C
ELECTROSTATIC DISCHARGE THRESHOLD (HBM)	2000	V



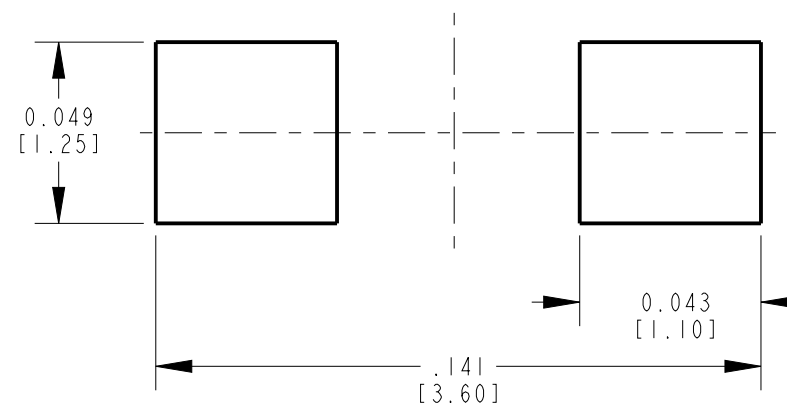
PACKAGE DIMENSIONS OF TAPE AND REEL



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
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TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	
FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°	SM 0805 BLUE W ZENER LC 2MA	
FINISH	MATERIAL	
FSCM 83330	Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 (732) 919-3119 www.dialight.com	
	SHEET 1 OF 1	FAMILY TABLE: