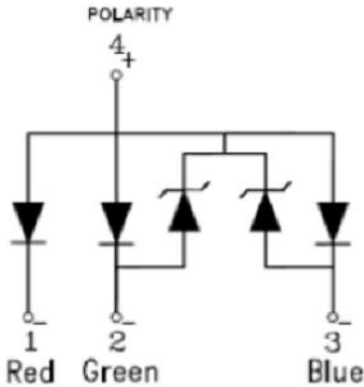
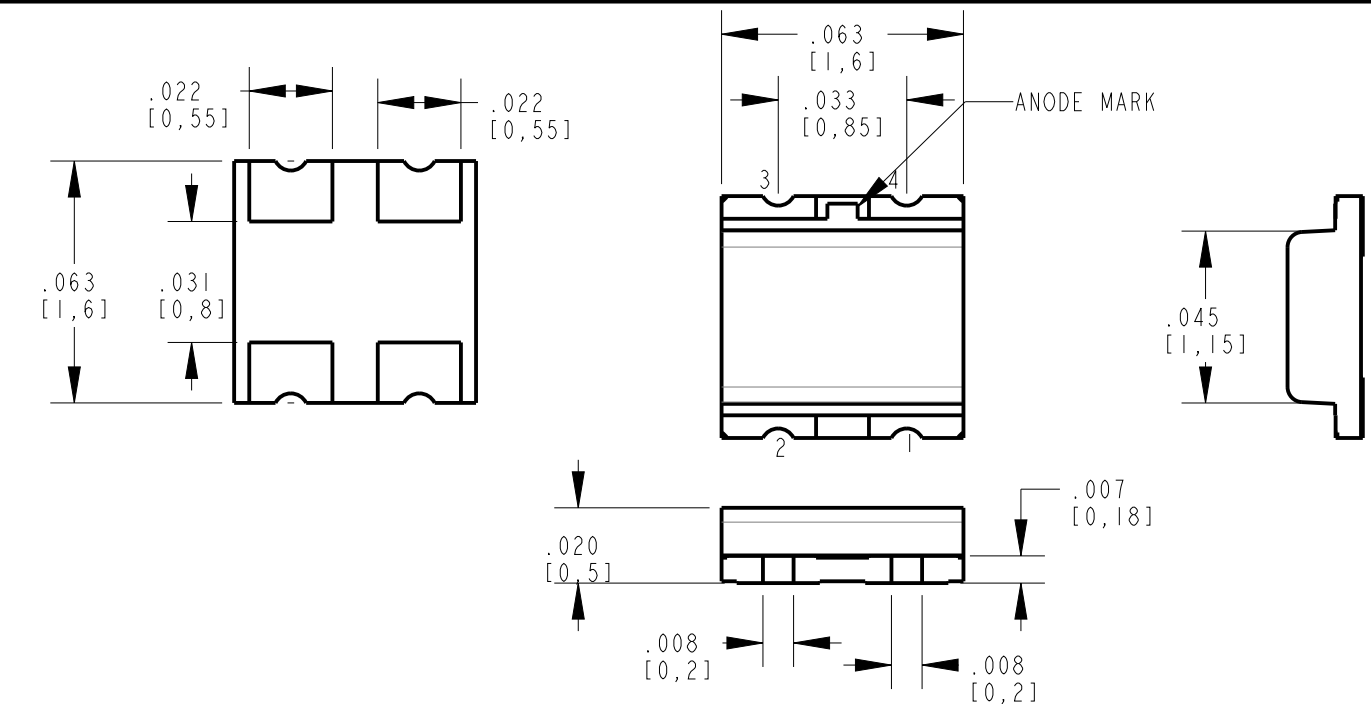


REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	BP	—	NO	2-8-18



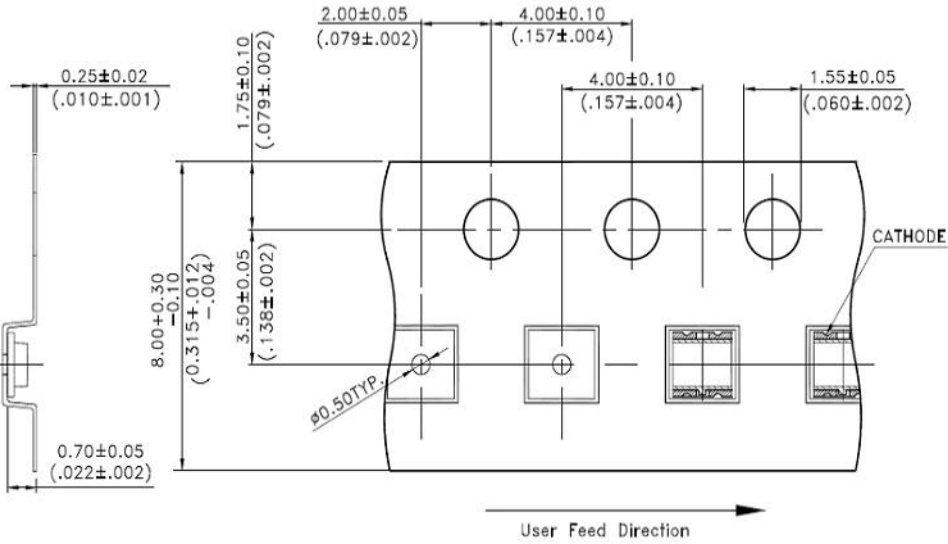
LED SCHEMATIC

NOTES:

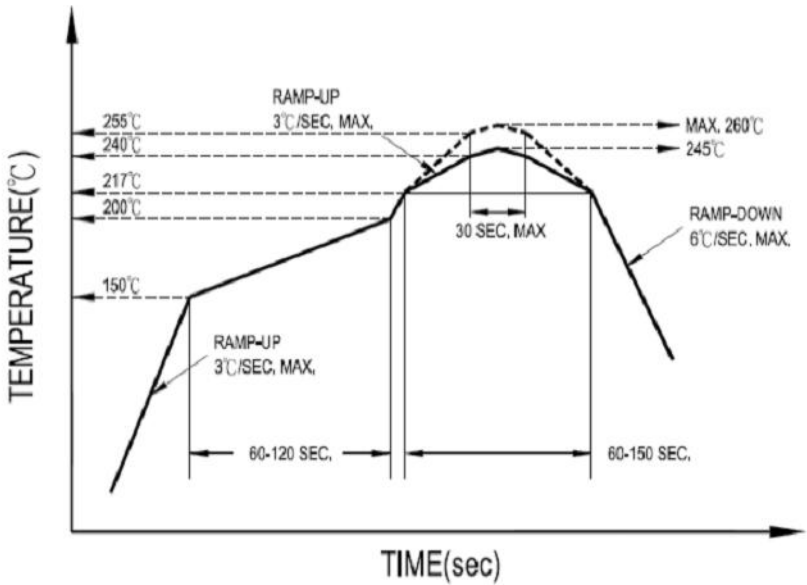
- DIALIGHT P/N: 597-7715-602F, 597-7715-607F
SUFFIX -602F FOR 20 PCS ON A SAMPLE TAPE STRIP
SUFFIX -607F FOR 7" DUANETER REEL, PACKAGED 3000 PCS PER REEL.
- LABELING FOR REEL AND OUTSIDE OF ALUMINUM FOIL BAG:
DIALIGHT P/N, QUANTITY PER REEL, DATE CODE, INTENSITY BIN CODE, LOT NUMBER AND COUNTRY OF ORIGIN.
- 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) @ If=5mA			DOMINANT WAVELENGTH (nm) @ If=5mA			FORWARD VOLTAGE (V) @ If=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	

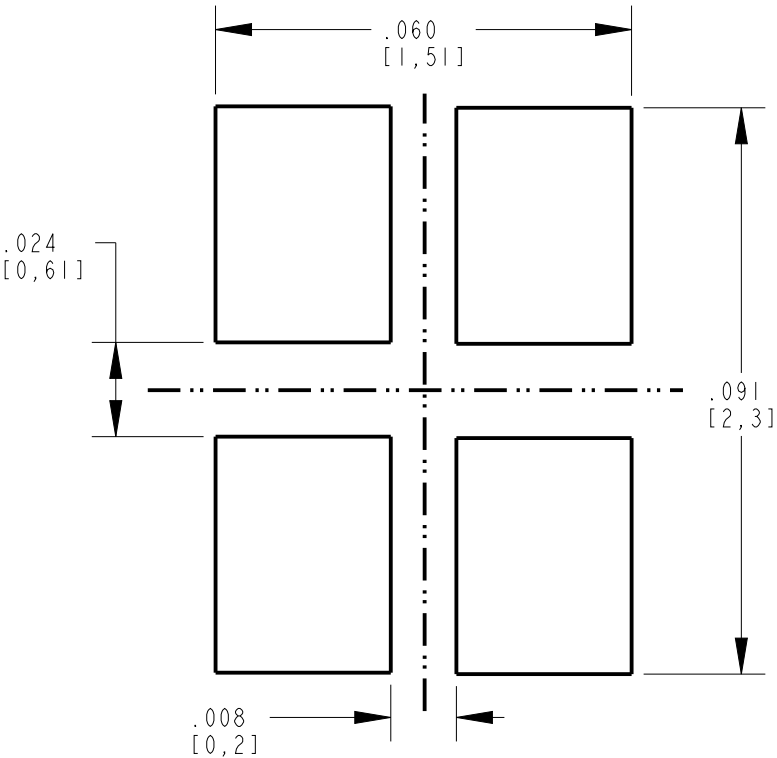
ABSOLUTE MAXIMUM RATINGS AT 25° C AMBIENT	RED	GREEN	BLUE	UNITS
POWER DISSIPATION	50	38		mW
CONTINUOUS FORWARD CURRENT	20	10		mA
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 10ms PULSE WIDTH)	40			mA
ELECTROSTATIC DISCHARGE THRESHOLD (HBM)	2000			V
REFLOW SOLDERING TEMPERATURE FOR 10 SEC.	260			°C
OPERATING TEMPERATURE	-20 TO +80			°C
STORAGE TEMPERATURE	-30 TO +85			°C



PACKAGE DIMENSION OF TAPE AND REEL



RECOMMENDED REFLUX SOLDER PROFILE



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

THIS DRAWING AND THE CONTENTS HEREIN ARE CONFIDENTIAL AND THE SOLE PROPERTY OF DIALIGHT CORP. REPRODUCTION OF THIS DRAWING OR CONSTRUCTION OF ANY PARTS WITHIN THIS DRAWING ARE FORBIDDEN WITHOUT THE WRITTEN CONSENT OF DIALIGHT CORP.		
DIALIGHT CORP INTERNAL REFERENCE ONLY = 3D MODEL : 4500521846016-A.2		
SCALE: 20.000	DRAWING NUMBER	REV
ALL DIM's: INCH (mm)	C-18374	A
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 (.XXX): ±.0005	FINISH	
ANGLES: ±1°	-	
FSCM 83330	SHEET 1 OF 1 FAMILY TABLE:	