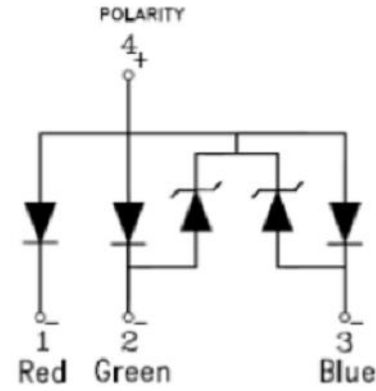
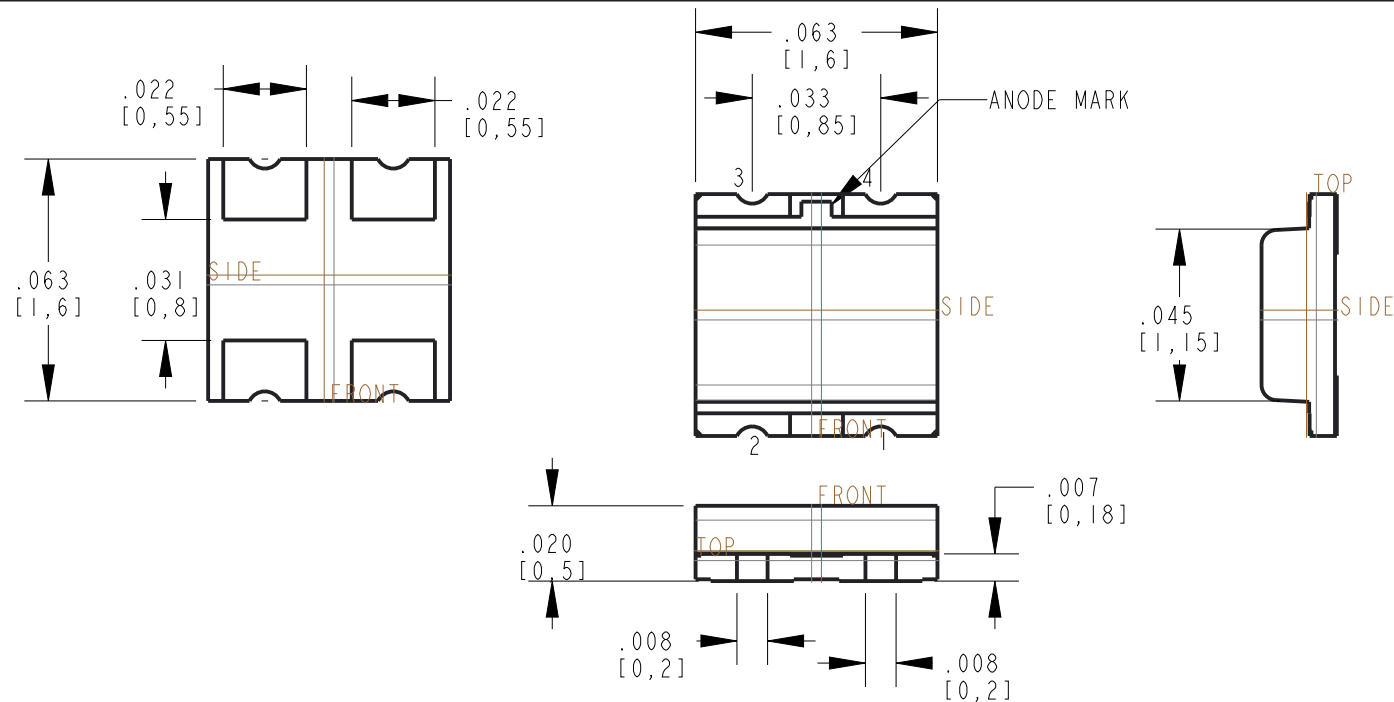


| REV | ECN NO | REVISIONS | DRN | CKD | APP | DATE |
|-----|--------|----------------------------|-----|-----|-----|--------|
| A | — | NEW RELEASE | BP | — | NO | 2-8-18 |
| B | | 607F WAS 3000 PCS PER REEL | LD | | CS | 6-7-22 |



LED SCHEMATIC

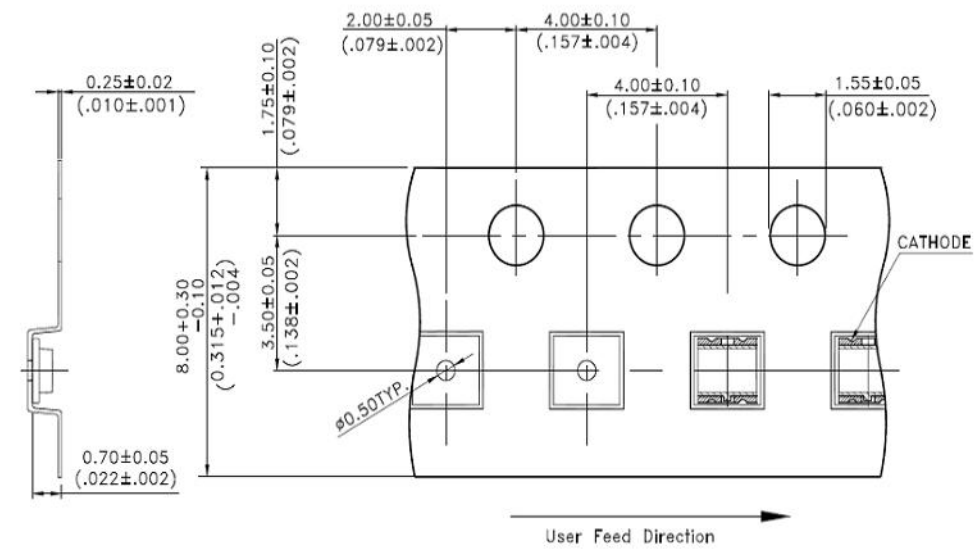
NOTES:

- 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

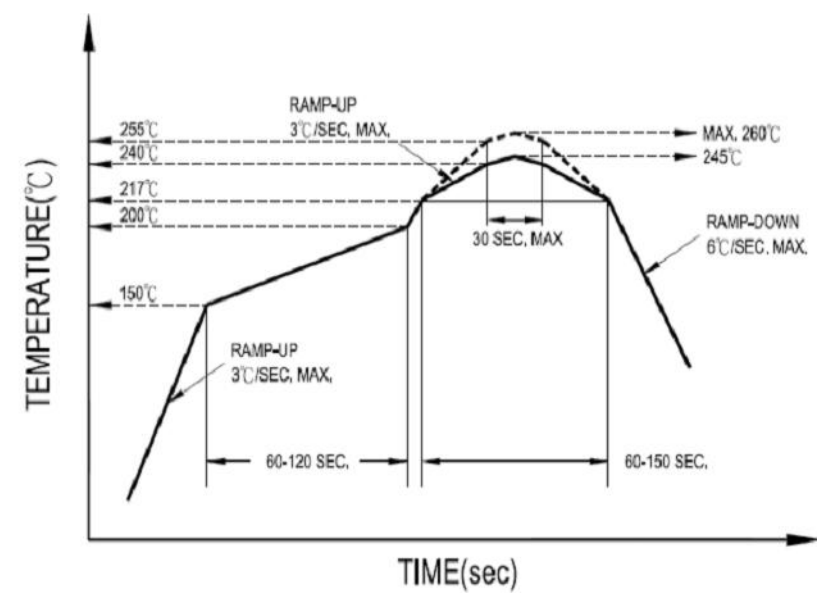
OPERATING CHARACTERISTICS AT 25°C AMBIENT

| LED COLOR | PEAK WAVELENGTH (nm) | LUMINOUS INTENSITY (mcd) @ I _f = 5mA | | | | DOMINANT WAVELENGTH (nm) @ I _f = 5mA | | | FORWARD VOLTAGE (V) @ I _f = 5mA | | | VIEWING ANGLE (DEGREES) |
|-----------|----------------------|---|-----|-----|-----|---|-----|------|--|------|-----|-------------------------|
| | | TYP | MIN | TYP | MAX | MIN | TYP | MAX | MIN | TYP | MAX | |
| 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 | | |

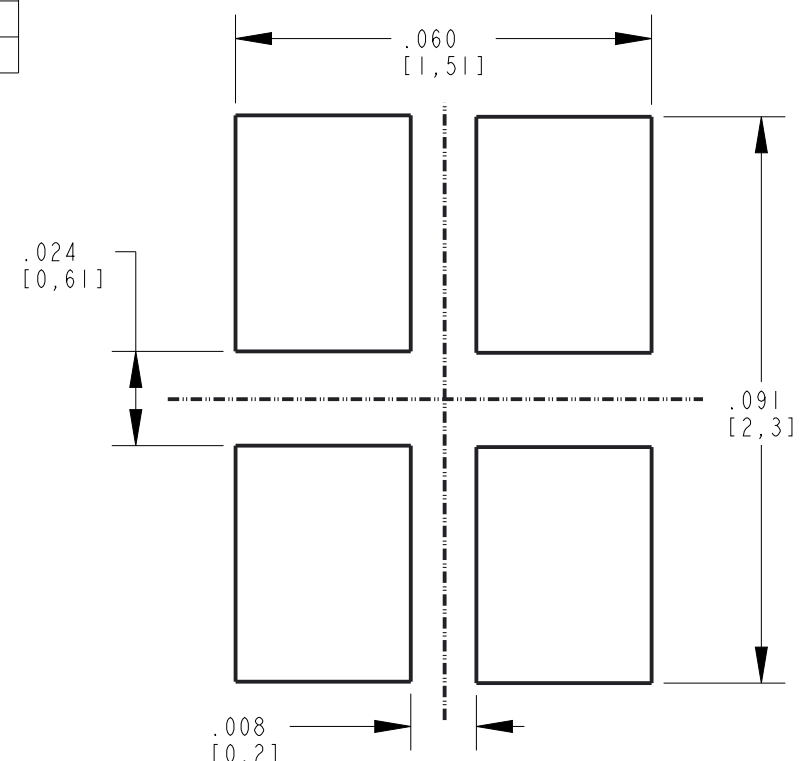
| ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT | | | | |
|--|------------|----|--|----|
| POWER DISSIPATION | 50 | 38 | | mW |
| CONTINUOUS FORWARD CURRENT | 20 | 10 | | mA |
| PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 10ms PULSE WIDTH) | 40 | | | mA |
| ELECTROSTATIC DISCHARGE THRESHOLD (HBM) | 2000 | | | 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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