

OPERATING CHARACTERISTICS AT 25°C AMBIENT

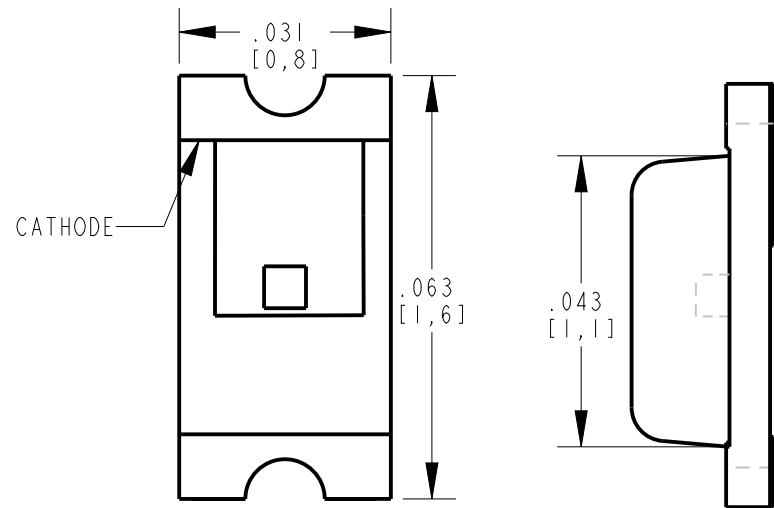
DIALIGHT PART NUMBER	COLOR	LUMINOUS INTENSITY (mcd) @ I <sub>F</sub> = 20 mA			FORWARD VOLTAGE (V) @ I <sub>F</sub> = 20 mA			REVERSE CURRENT (μA) @ V <sub>R</sub> = 5 V	PEAK WAVELENGTH	DOMINANT WAVELENGTH	VIEWING ANGLE (DEG)
		MIN	TYP	MAX	MIN	TYP	MAX	MAX	(TYP)	TYP	TYP
597-3304-607F, -602F	GREEN	2.8	12	—	—	2.1	2.6	100	565	569	130

REV	ECO NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	VP	JTD	NO	4/11/2016
B	—	ROHS COMPLIANT PART NUMBER CHANGED	VP	JTD	NO	4/18/2016

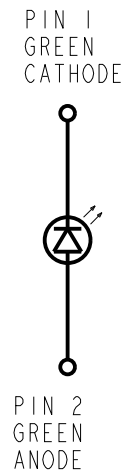
ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT	VALUE	UNITS
POWER DISSIPATION	100	mW
DC FORWARD CURRENT	30	mA
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	120	mA
REVERSE VOLTAGE	5	V
STORAGE TEMPERATURE	-55 TO +85	°C
OPERATING TEMPERATURE	-55 TO +85	°C
SOLDERING TEMPERATURE, FOR 1/10 SEC	260	°C

NOTES:

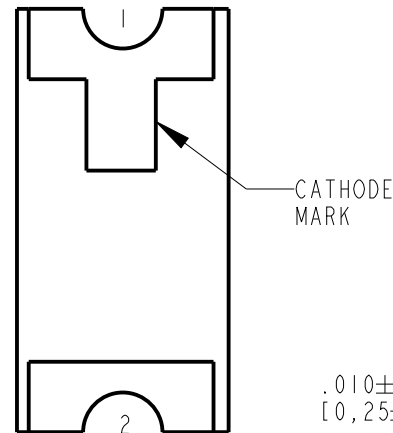
- LENS: GREEN
- LED CHIP: GaP ON GaP
- LEADS ARE GOLD (Au) PLATED FINISH.
- PACKAGING: -602F SUFFIX MEANS 20 PCS SAMPLE STRIP  
-607F SUFFIX MEANS 5000 PARTS/REEL, 7 INCH (180mm) DIA. REEL.
- THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.
- MOISTURE SENSITIVITY LEVEL 3.
- TAPE AND REEL LEDS MAY REQUIRE RE-TAPING AFTER TWELVE MONTHS.
- PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.



SCALE 35.000

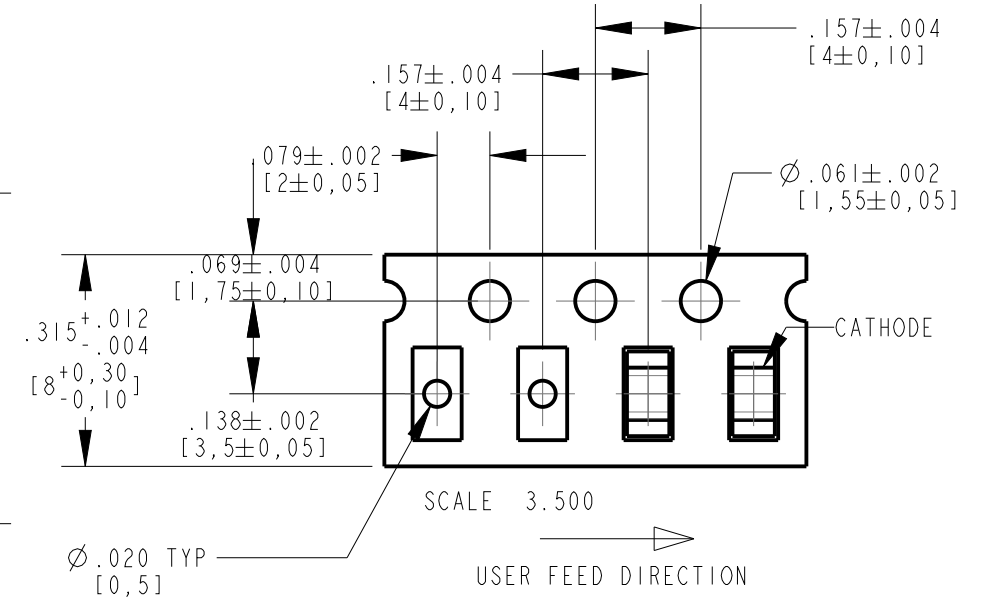


LED SCHEMATIC

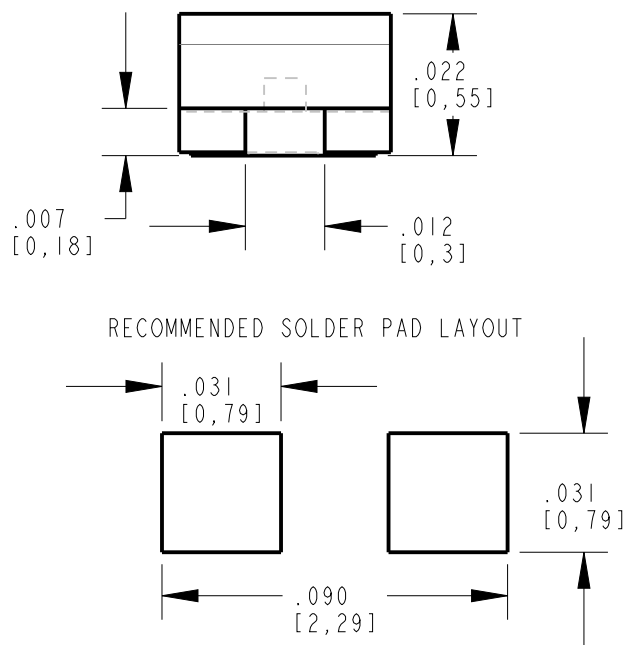


.010±.001  
[0,25±0,02]

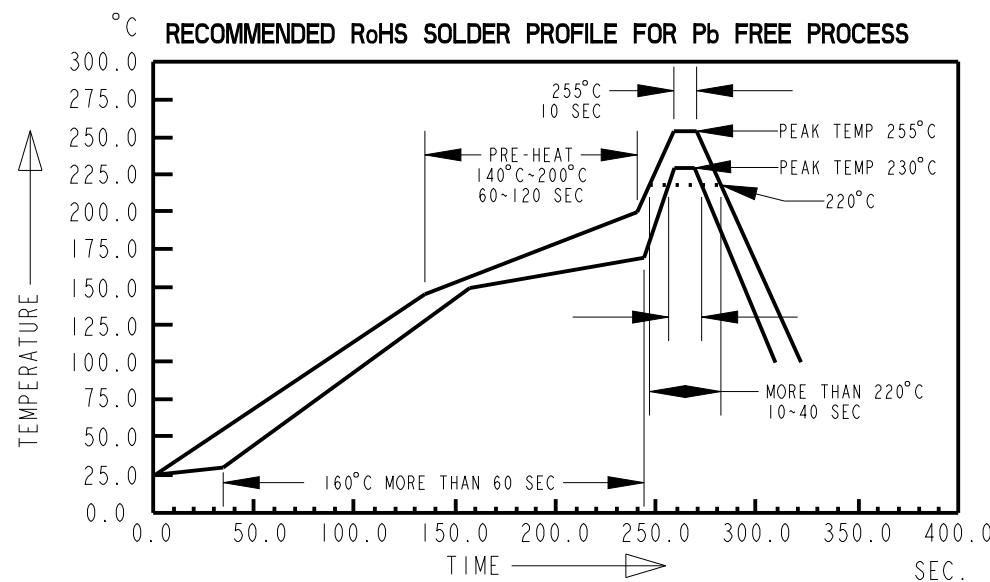
.028±.002  
[0,7±0,05]



PACKAGE DIMENSIONS OF TAPE AND REEL



SCALE 20.000



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SCALE: 5.000	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-18264	B
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE GREEN COLOR	
FRACTIONS: ±1/64	0603 SM LED RoHS COMPLIANT	
DECIMALS (.XX): ±.01	MATERIAL	
DECIMALS (.XXX): ±.005	Dialight	
DECIMALS (.XXXX): ±.0005	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
ANGLES: ±1°	FSCM 83330	
FINISH:	SHEET 1 OF 1	FAMILY TABLE: