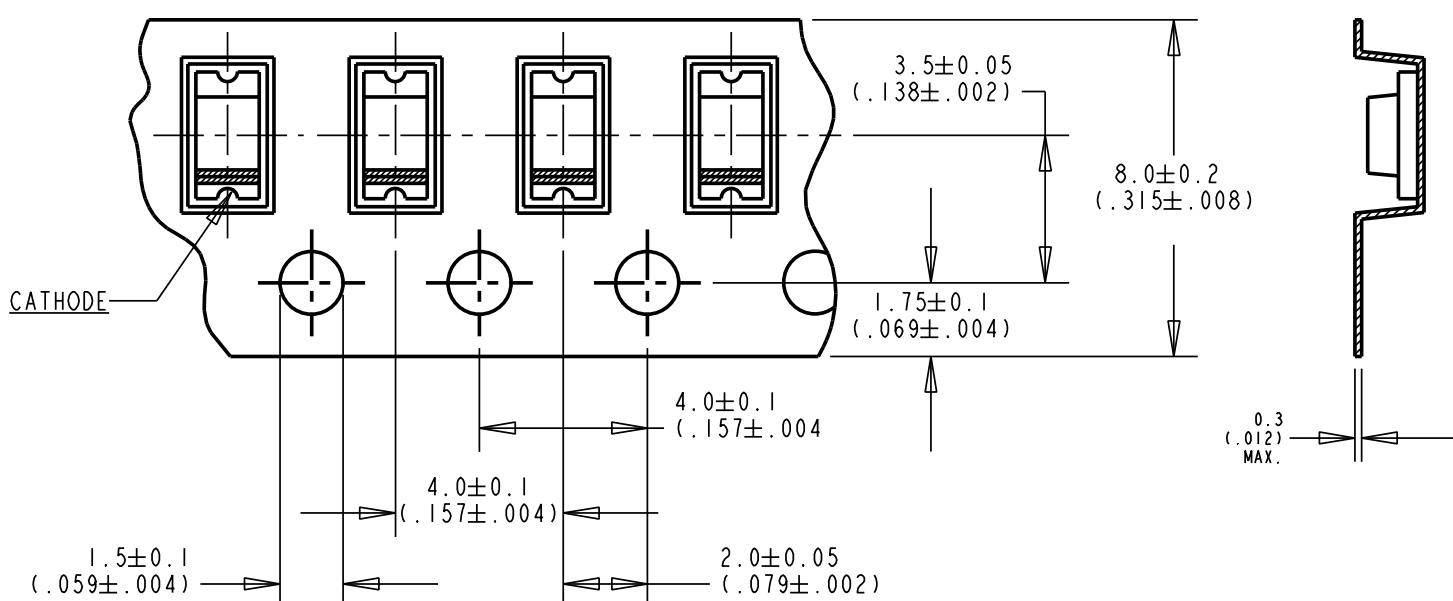
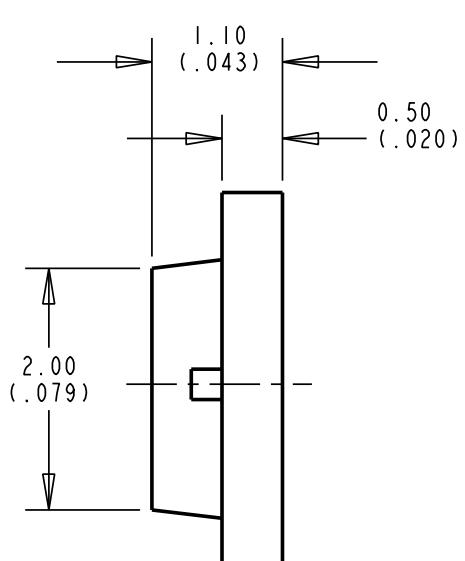
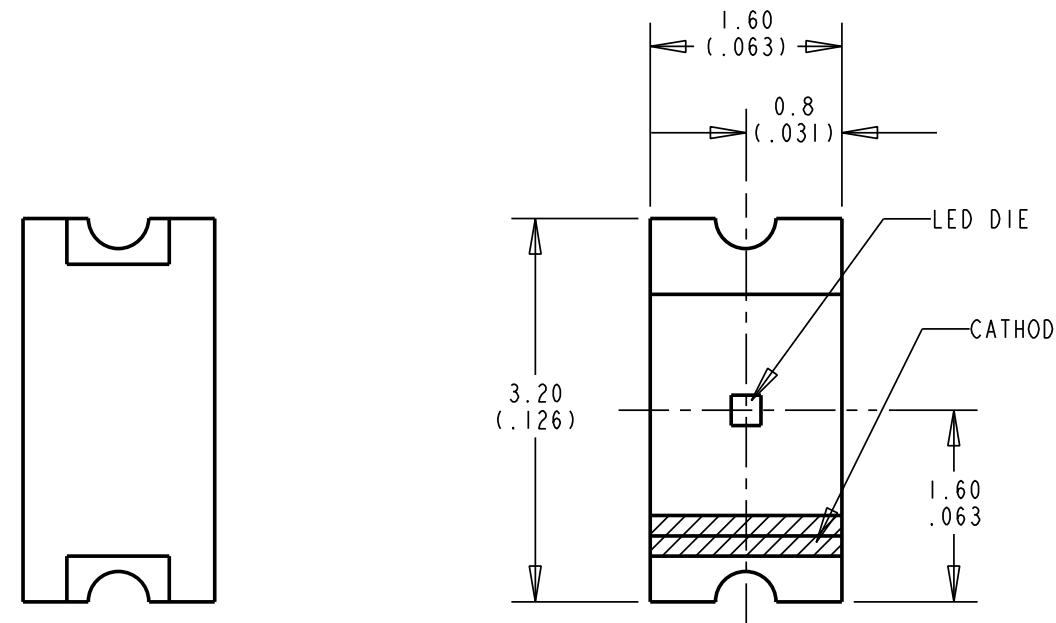


REFLOW PROFILE FOR
NORMAL PARTS

REFLOW PROFILE FOR
RoHS COMPLIANT PARTS

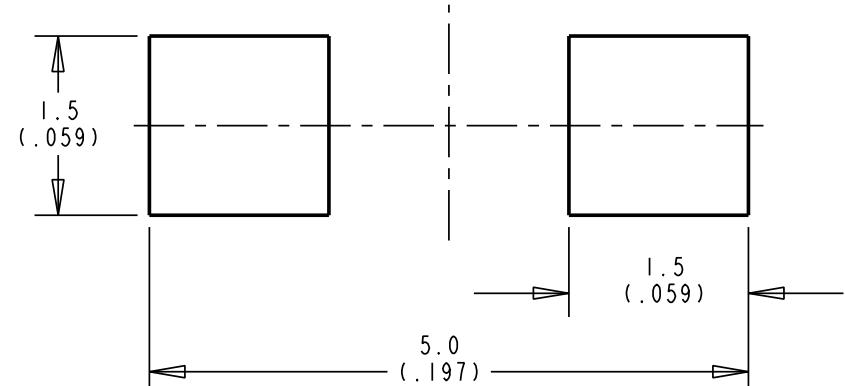


ABSOLUTE MAXIMUM RATINGS AT 25° C AMBIENT

	GREEN	UNITS
POWER DISSIPATION	100	mW
DERATE LINEARLY FROM 50° C	0.6	mA / °C
CONTINUOUS FORWARD CURRENT	30	mA
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	120	mA
REVERSE VOLTAGE	5	V
OPERATING TEMPERATURE	-55 TO +85	°C
STORAGE TEMPERATURE	-55 TO +85	°C
WAVE SOLDERING CONDITION	260° C FOR 5 SEC	
INFRARED SOLDERING CONDITION	260° C FOR 5 SEC	
VAPOR PHASE SOLDERING CONDITION	215° C FOR 3 MIN	

OPERATING CHARACTERISTICS AT 25° C AMBIENT

LED CHARACTERISTICS	MIN.	TYP.	MAX.	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY (I _y)	4.0	8.0	30.0	mcad	I _F = 10 mA
VIEWING ANGLE (2θ 1/2)		130		DEGREES	
PEAK WAVELENGTH (λ _p)		565		nm	MEASUREMENT @ PEAK
DOMINANT WAVELENGTH (λ _d)		569		nm	
SPECTRAL LINE HALF-WIDTH (Δλ)		30		nm	
FORWARD VOLTAGE (V _F)		2.1	2.6	V	I _F = 20 mA
REVERSE CURRENT (I _R)			100	μA	V _R = 5V
CAPACITANCE (C)		35		pF	V _R = 0 V, f = 1 MHz



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C-16509		C
TITLE	GREEN SMT LED	
MATERIAL	Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07227	
FINISH:	FSCM 83330	
SCALE: DRAWING SCALE	SHEET 1 OF 1 FAMILY TABLE:	
ALL DIM'S IN: INCHES (MM)		
TOLERANCES: UNLESS OTHERWISE SPECIFIED		
FRACTIONS: ±1/64		
DECIMALS (.XX): ±.01		
DECIMALS (.XXX): ±.005		
DECIMALS (.XXXX): ±.0005		
ANGLES: ±1°		

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