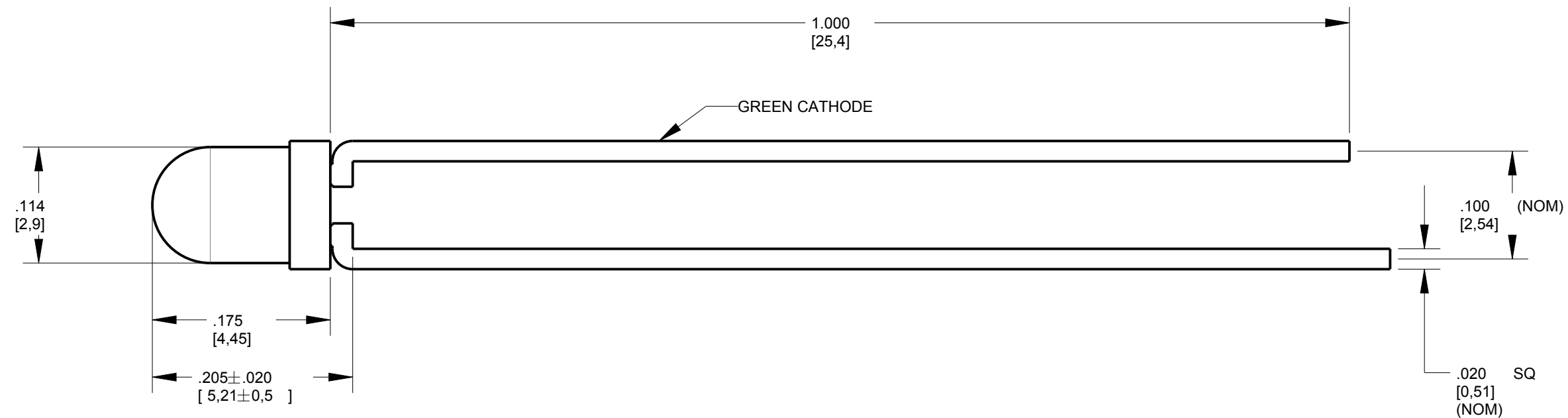


REV	REVISIONS	DRN	APP	DATE
A	NEW RELEASE	MC	HG	8-20-96
B	REVISED LED SPECS UPDATED TO CREO FORMAT	LD	NO	6-28-19



LED CHARACTERISTICS	LED COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	RED	3.7	12.6		mcd	$I_F = 20\text{mA}$
	GREEN	1.1	3.7			
FORWARD VOLTAGE	RED		1.8	2.4	V	$I_F = 20\text{mA}$
	GREEN		2.1	2.6		
DOMINANT WAVELENGTH	RED		638		nm	
	GREEN		569			
PEAK WAVELENGTH	RED		660		nm	
	GREEN		565			
2 X 1/2 INTENSITY ANGLE	RED		200		deg	
	GREEN					
REVERSE CURRENT	RED		100		uA	$V_R = 5\text{V}$
	GREEN					
CAPACITANCE	RED		30		pF	$V_F = 0$ $f = 1\text{MHz}$
	GREEN		35			

ABSOLUTE MAXIMUM RATINGS AT 25° C AMBIENT	RED	GREEN	UNITS
POWER DISSIPATION	100		mW
DERATE LINEARLY FROM 50° C	.5	.4	mA/C
CONTINUOUS FORWARD CURRENT	40	30	mA
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 01 ms PULSE WIDTH)	200	120	mA
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16mm (.063") FROM BODY	260		°C
OPERATING TEMPERATURE	-55 to +100		°C
STORAGE TEMPERATURE	-55 to +100		°C

NOTES:

- DIALIGHT P/N 521-9628F
- EPOXY COLOR: WHITE DIFFUSED
- DIE: AlGaAs RED/Gap GREEN.
- THIS PART IS RoHS COMPLIANT. EACH BAG IS MARKED WITH RoHS COMPLIANT MARKINGS



**ATTENTION:**  
OBSERVE PRECAUTIONS FOR  
HANDLING ELECTROSTATIC  
SENSITIVE DEVICES

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DIALIGHT CORP INTERNAL REFERENCE ONLY = 3D MODEL : 5219628-B.2		
SCALE: 8.000	DRAWING NUMBER	REV
ALL DIM's: INCH (mm)	C-16126	B
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE RED/GREEN BICOLOR LED	
FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°	MATERIAL	
FINISH		
FSCM 83330	SHEET 1 OF 1	FAMILY TABLE:
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