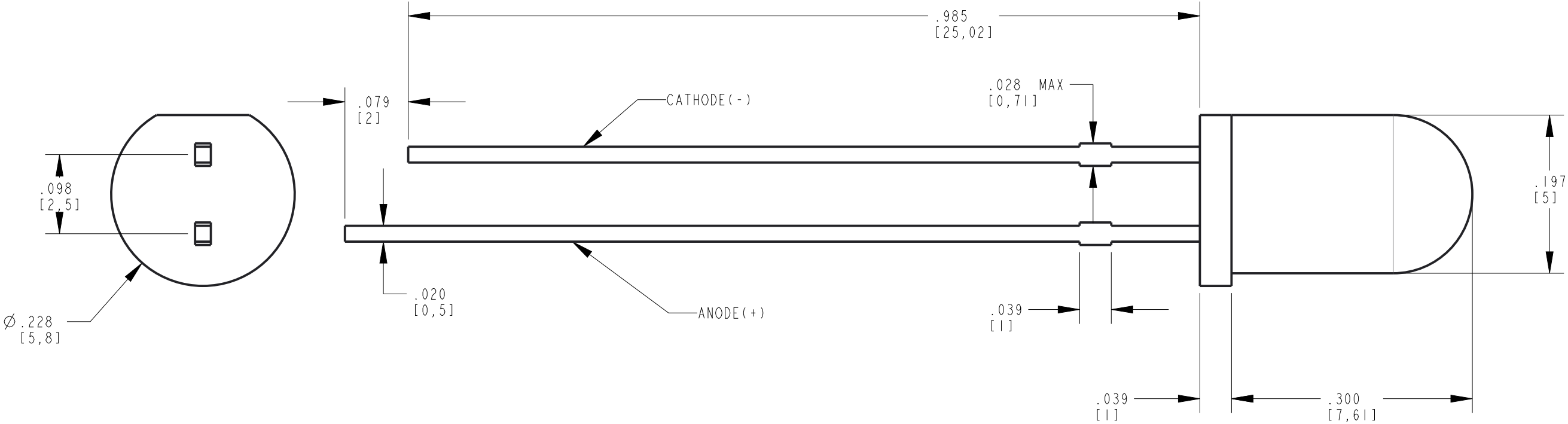


REV	ECN NO	REVISIONS	DRN	CKD	APP	QA	CM	DATE
A	127925	NEW RELEASE	LD	CS				2-26-25
B	130712	ADDED SCHEMATIC & HOLE PATTERN	LD	CS				6-11-25

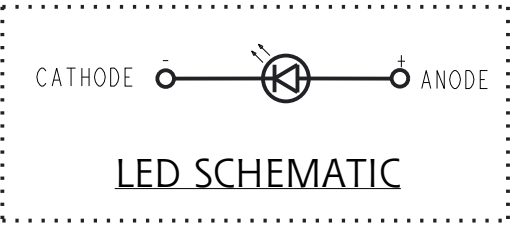
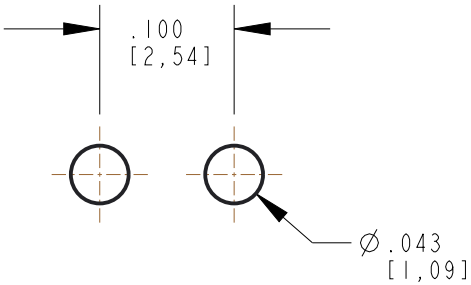


NOTES:

- 1. DIALIGHT PART NO: 521-8718F
- 2. THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.
- 3. THIS PRODUCT IS RoHS COMPLIANT. EACH BAG IS TO BE MARKED WITH RoHS COMPLIANT LABEL OR EQUIVALENT MARKINGS. LED MUST BE Pb FREE.

OPERATING CHARACTERISTICS AT 25°C AMBIENT									
LED COLOR	LUMINOUS INTENSITY (mcd) @ I _F =20mA			FORWARD VOLTAGE (V) @ I _F =20mA			DOMINANT WAVELENGTH (nm)		REVERSE CURRENT V _R = 5V (uA)
	MIN	TYP	MAX	MIN	TYP	MAX	MIN	MAX	MAX
BLUE	3000	—	9400	2.8		3.4	460	470	10

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT			VALUE	UNITS
POWER DISSIPATION			100	mW
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1ms PULSE WIDTH)			50	mA
CONTINUOUS FORWARD CURRENT			30	mA
REVERSE VOLTAGE			5	V
LEAD SOLDERING TEMPERATURE [1.6mm (.063")FROM BODY] FOR 5 SEC.			260	°C
OPERATING TEMPERATURE			-40 TO +85	°C
STORAGE TEMPERATURE			-40 TO +85	°C



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

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DIALIGHT CORP INTERNAL REFERENCE ONLY = 3D MODEL : 4500521871829-A.6		
SCALE: 7.000	DRAWING NUMBER	REV
ALL DIM's: INCH (mm)		
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: $\pm 1/64$ DECIMALS (.XX): $\pm .01$ DECIMALS (.XXX): $\pm .005$ DECIMALS (.XXXX): $\pm .0005$ ANGLES: $\pm 1^\circ$	C-18801	B
FINISH	TITLE 5MM THRU HOLE BLUE LED	
	MATERIAL	
	 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 (732) 919-3119 www.dialight.com	
FSCM 83330	SHEET 1 OF 1	FAMILY TABLE:

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