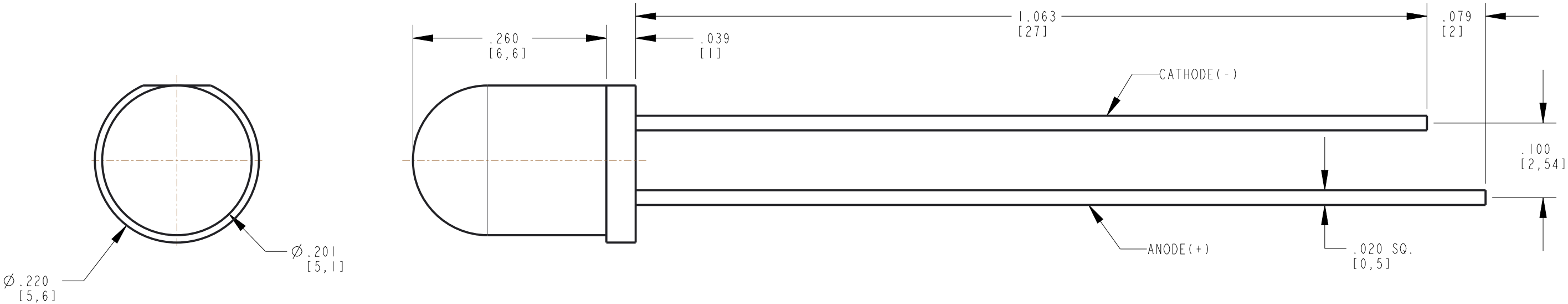


REV	ECN NO	REVISIONS	DRN	CKD	APP	QA	CM	DATE
A	126928	NEW RELEASE	LD	CS				1-27-25
B	130712	ADDED HOLE PATTERN & LED SCHEMATIC	LD	CS				6-11-25

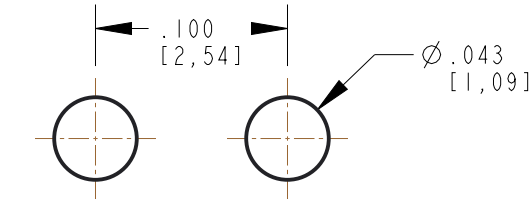
NOTES:

1. DIALIGHT PART NO: 521-9949F
2. LENS COLOR: WATER CLEAR
3. LEAD SPACING MEASURED NEAR EPOXY PACKAGE.
4. THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICE6 (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.
5. THIS PRODUCT IS RoHS COMPLIANT. EACH BAG IS MARKED WITH RoHS COMPLIANT LABEL OR EQUIVALENT MARKINGS. LED MUST BE Pb FREE (RoHS COMPLIANT).

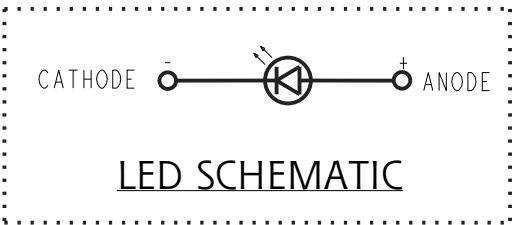


OPERATING CHARACTERISTICS AT 25°C AMBIENT					
LED CHARACTERISTICS	MIN.	TYP.	MAX.	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	3800		9400	mcd	IF = 20mA
CORRELATED COLOR TEMP.	4000		6000	K	IF = 20mA
FORWARD VOLTAGE	2.8		3.4	V	IF = 20mA
CHROMACITY COORDINATES	X=.340 Y=.335		X=.385 Y=.380	nm	IF = 20mA
REVERSE CURRENT			10	uA	VR = 5V
VIEWING ANGLE (2Q1/2)		60		DEGREES	

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT	VALUE	UNITS
POWER DISSIPATION	100	mW
CONTINUOUS FORWARD CURRENT	30	mA
REVERSE VOLTAGE	5	V
OPERATING TEMPERATURE	-40 TO +80	°C
STORAGE TEMPERATURE	-40 TO +100	°C
LEAD SOLDERING TEMPERATURE FOR 5 SEC. (.063" [1.6mm] FROM BODY)	260	°C



RECOMMENDED HOLE PATTERN



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

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DIALIGHT CORP INTERNAL REFERENCE ONLY = 3D MODEL : 4500521874329-A.10		
SCALE: 7.000	DRAWING NUMBER	REV
ALL DIM's: INCH (mm)	C18797	B
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	
FRACTIONS: $\pm 1/64$ DECIMALS (.XX): $\pm .01$ DECIMALS (.XXX): $\pm .005$ DECIMALS (.XXXX): $\pm .0005$ ANGLES: $\pm 1^\circ$	5MM WHITE WC LENS 60 DEG	
FINISH	MATERIAL	
-	-	
FSCM 83330	Dialight ***** 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 (732) 919-3119 www.dialight.com	
SHEET 1 OF 1	FAMILY TABLE:	