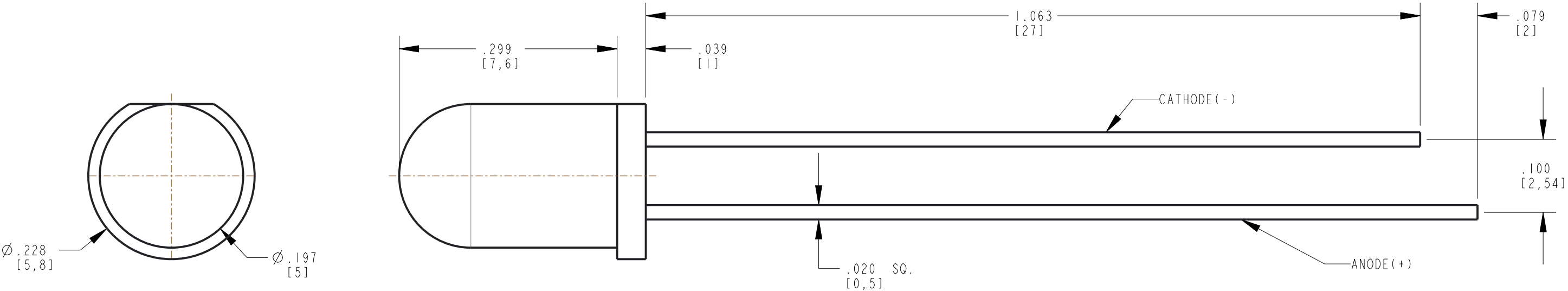


REV	ECN NO	REVISIONS	DRN	CKD	APP	QA	CM	DATE
A	126928	NEW RELEASE	LD	CS				1-27-25
B	130712	ADDED SCHEMATIC & HOLE PATTERN	LD	CS				6-11-25

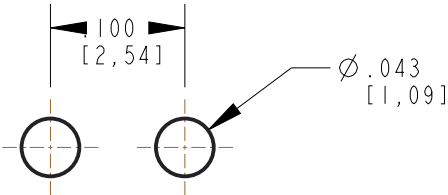
NOTES:

1. DIALIGHT PART NO: 521-8743F
2. LENS COLOR: WATER CLEAR
3. LEAD SPACING MEASURED NEAR EPOXY PACKAGE.
4. THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICE (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).

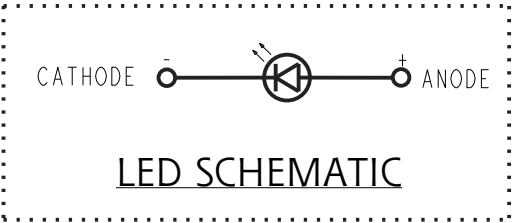


OPERATING CHARACTERISTICS AT 25°C AMBIENT					
LED CHARACTERISTICS	MIN.	TYP.	MAX.	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	18500		45110	mcd	I _F = 20mA
CORRELATED COLOR TEMP.		7000		K	I _F = 20mA
FORWARD VOLTAGE	2.8		3.4	V	I _F = 20mA
CHROMACITY COORDINATES	X=.280 Y=.298		X=.342 Y=.368	nm	I _F = 20mA
REVERSE CURRENT			10	uA	V _R = 5V
VIEWING ANGLE (201/2)		15		DEGREES	

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT		VALUE	UNITS
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1ms Pulse Width)		100	mA
POWER DISSIPATION		105	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.11		
SCALE: 7.000	DRAWING NUMBER	REV
ALL DIM'S: INCH (mm)		
TOLERANCES: UNLESS OTHERWISE SPECIFIED	C18796	B
FRACTIONS: $\pm 1/64$ DECIMALS (.XX): $\pm .01$ DECIMALS (.XXX): $\pm .005$ DECIMALS (.XXXX): $\pm .0005$ ANGLES: $\pm 1^\circ$	TITLE 5MM WHITE WC LENS 15 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: