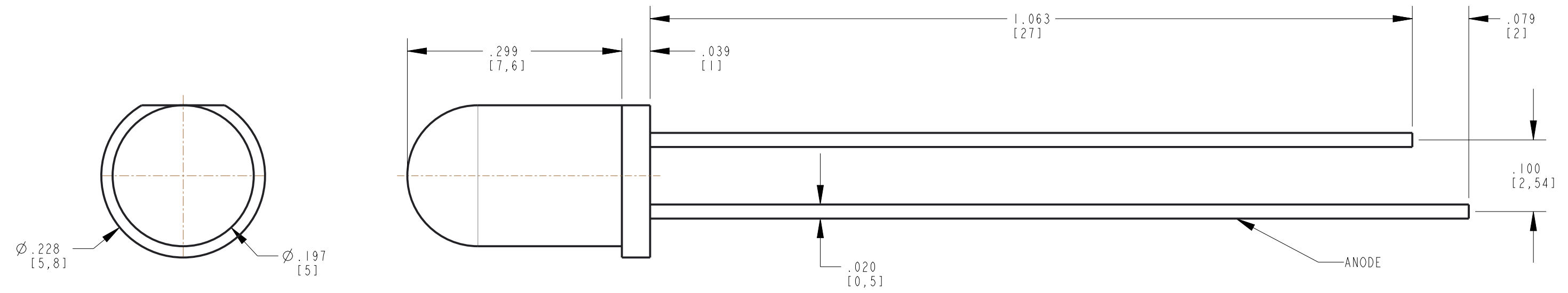


REV	ECN NO	REVISIONS	DRN	CKD	APP	QA	CM	DATE
A	126928	NEW RELEASE	LD	CS				1-27-25

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	mc d	IF = 20mA
CORRELATED COLOR TEMP.		7000		K	IF = 20mA
FORWARD VOLTAGE	2.8		3.4	V	IF = 20mA
CHROMACITY COORDINATES	X=.280 Y=.298		X=.342 Y=.368	nm	IF = 20mA
REVERSE CURRENT			10	uA	VR = 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



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

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DIALIGHT CORP INTERNAL REFERENCE ONLY = 3D MODEL : 4500521874329-A.8

SCALE: 7.000	DRAWING NUMBER	REV
ALL DIM's: INCH (mm)	C18796	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	
FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°	5MM LED THRU HOLE	
FINISH	MATERIAL	
FSCM 83330	 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 (732) 919-3119 www.dialight.com	
	SHEET 1 OF 1	FAMILY TABLE:

# Mouser Electronics

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