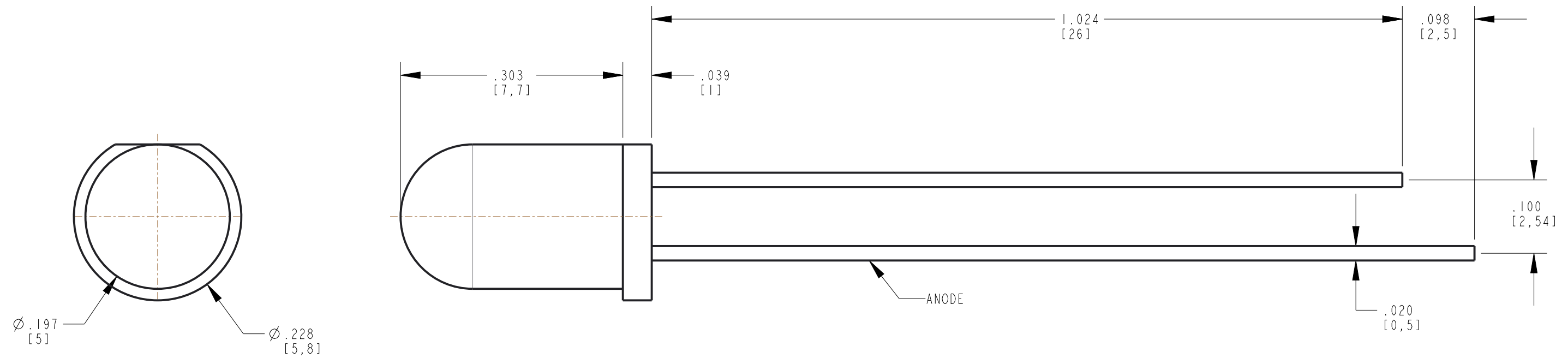


REV	ECN NO	REVISIONS	DRN	CKD	APP	QA	CM	DATE
A	127925	NEW RELEASE	LD	CS				2-26-25

NOTES:

1. DIALIGHT PART NO: 521-8765F
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 (RoHS COMPLIANT).




OPERATING CHARACTERISTICS AT 25° C AMBIENT									
LED COLOR	LUMINOUS INTENSITY (mcd) @ I _f =20mA			FORWARD VOLTAGE (V) @ I _f =20mA			DOMINANT WAVELENGTH (nm)		VIEWING ANGLE (deg)
	MIN	TYP	MAX	MIN	TYP	MAX	MIN	MAX	TYP
RED	4800	—	11800	1.8	—	2.4	620	630	30

ABSOLUTE MAXIMUM RATINGS AT 25° C AMBIENT		VALUE	UNITS
POWER DISSIPATION		75	mW
CONTINUOUS FORWARD CURRENT		30	mA
LINEAR DERATING FROM 25° C		0.35	mA/°C
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 +100	°C

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DIALIGHT CORP INTERNAL REFERENCE ONLY = 3D MODEL : 5218765F-A.5

SCALE: 7.000	DRAWING NUMBER	REV
ALL DIM's: INCH (mm)	C-18800	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE 5MM RED WATER CLEAR THRU HOLE	
FRACTIONS: ±1/64	MATERIAL	
DECIMALS (.XX): ±.01	-	
DECIMALS (.XXX): ±.005	-	
DECIMALS (.XXXX): ±.0005	-	
ANGLES: ±1°	-	
FINISH	-	
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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