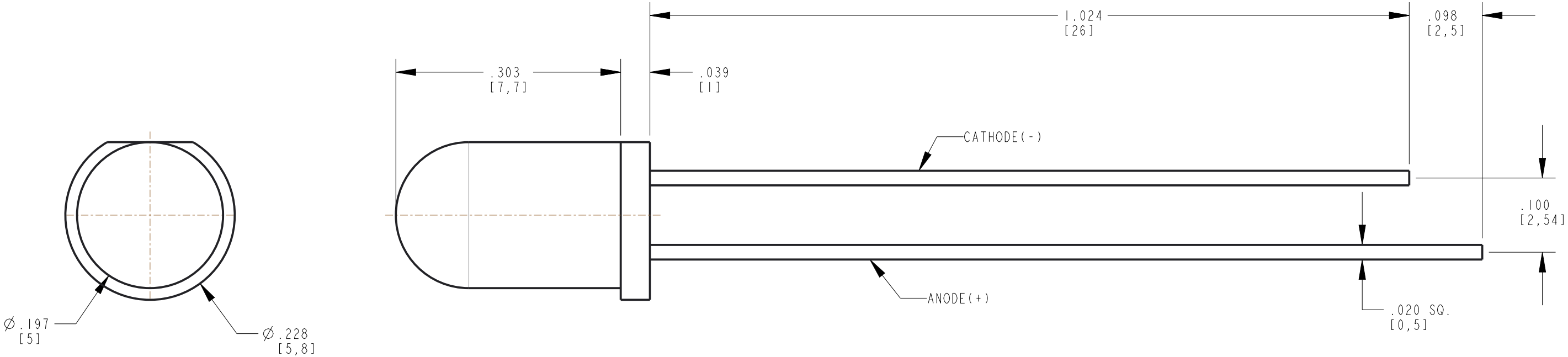


REV	ECN NO	REVISIONS	DRN	CKD	APP	QA	CM	DATE
A	127925	NEW RELEASE	LD	CS				2-26-25
B	130712	ADDED HOLE PATTERN & SCHEMATIC	LD	CS				6-11-25

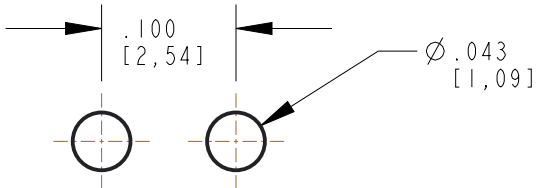
NOTES:

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).

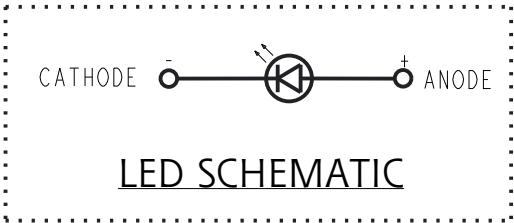


OPERATING CHARACTERISTICS AT 25° C AMBIENT									
LED COLOR	LUMINOUS INTENSITY (mcd) @ I _F =20mA			FORWARD VOLTAGE (V) @ I _F =20mA			DOMINANT WAVELENGTH (nm)		VIEWING ANGLE (deg)
	MIN	TYP	MAX	MIN	TYP	MAX	MIN	MAX	TYP
RED	4800	—	11800	1.8	—	2.4	620	630	30


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



RECOMMENDED HOLE PATTERN



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

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DIALIGHT CORP. INTERNAL REFERENCE ONLY = 3D MODEL : 5218765F-A.6		
SCALE: 7.000	DRAWING NUMBER	REV
ALL DIM's: INCH (mm)	C-18800	B
TOLERANCES: UNLESS OTHERWISE SPECIFIED		
FRACTIONS: ±1/64	TITLE	
DECIMALS (.XX): ±.01	5MM RED WATER CLEAR THRU HOLE	
DECIMALS (.XXX): ±.005	MATERIAL	
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: