

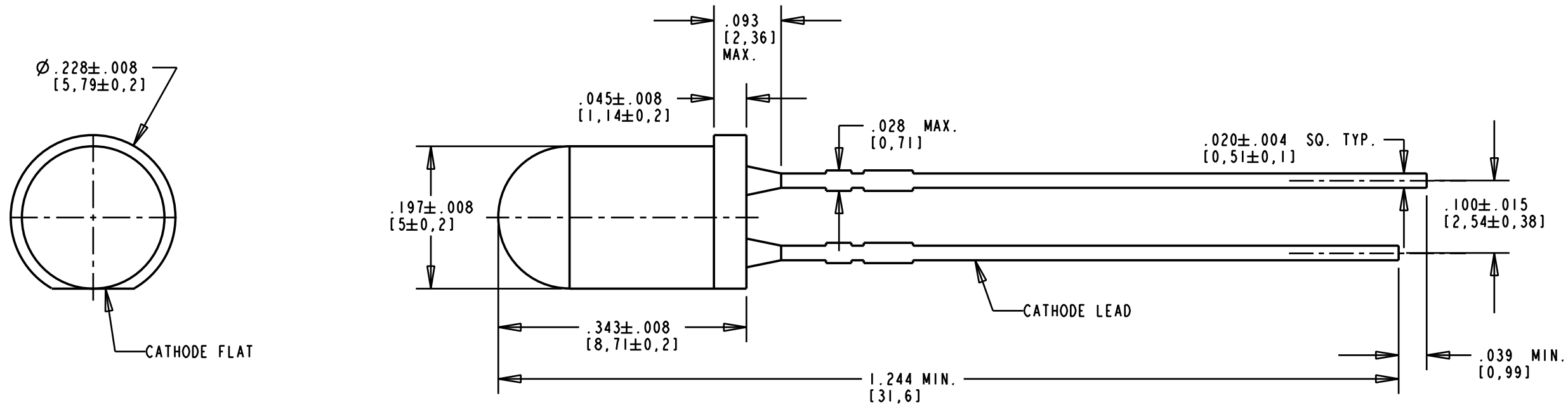
OPERATING CHARACTERISTICS AT T <sub>a</sub> = 25°C					
LED CHARACTERISTICS	MIN.	TYP.	MAX.	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	520		1500	mcd	I <sub>F</sub> = 20 mA
PEAK WAVELENGTH		470		nm	I <sub>F</sub> = 20 mA
DOMINANT WAVELENGTH		472		nm	I <sub>F</sub> = 20 mA
VIEWING ANGLE (2 Θ 1/2)		30		deg.	
FORWARD VOLTAGE		3.8	4.0	V	I <sub>F</sub> = 20 mA

REV.	ECN NO.	REVISIONS	DRN.	CKD.	APP.	DATE
A		NEW RELEASE	JAV			

ABSOLUTE MAXIMUM RATINGS AT T <sub>a</sub> = 25°C		
PARAMETER	VALUE	UNITS
DC FORWARD CURRENT	30	mA
PEAK FORWARD CURRENT	100	mA
POWER DISSIPATION	120	mW
REVERSE VOLTAGE (I <sub>R</sub> = 100μA)	5	V
OPERATING TEMPERATURE RANGE	-40 to +80	°C
STORAGE TEMPERATURE RANGE	-40 to +100	°C
DIP-DRAG SOLDER TEMPERATURE	260 FOR 5 SECS.	°C

NOTES:

1. LENS COLOR: BLUE.
2. LEADS: SOLDER DIP MILD STEEL.
3. LEAD SPACING MEASURED NEAR EPOXY PACKAGE.
4. SOLDER ADHERANCE: BOTH LEADS PER MIL. STD. 202E, METHOD 208C.
5. ATTENTION: OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES. FOR EYE SAFETY DO NOT STARE DIRECTLY INTO THE LIGHT BEAM OF THESE LED DEVICES AT CLOSE RANGE.
6. DIALIGHT PART NUMBER: 521-9946



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SCALE 6:1	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-17091	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE $\varnothing$ 5.0 mm BLUE LED	
FRACTIONS: $\pm 1/64$	MATERIAL	
DECIMALS (.XX): $\pm .01$	Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
DECIMALS (.XXX): $\pm .008$		
ANGLES: $\pm 1^\circ$	FSCM 83330	
FINISH:	SHEET OF	FAMILY TABLE: