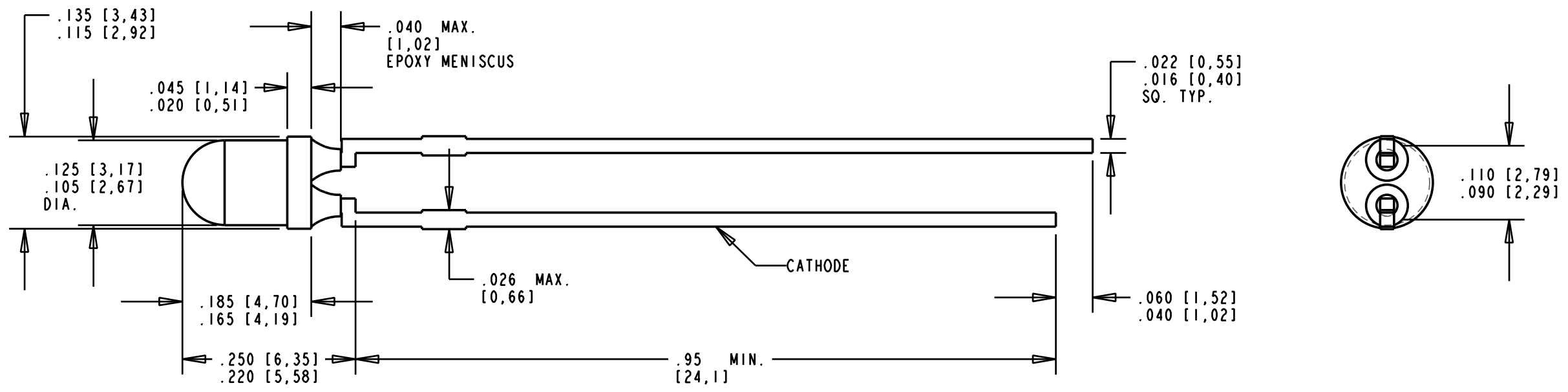


REV.	ECN NO.	REVISIONS	DRN.	CKD.	APP.	DATE
A	—	NEW RELEASE	JAV			



NOTES:

1. LENS COLOR: WATER CLEAR (NON-TINTED, NON-DIFFUSED).
2. DIE: InGaN BLUE
3. LEAD SPACING MEASURED NEAR EPOXY PACKAGE.
4. DIALIGHT PART NUMBER: 521-9918

OPERATING CHARACTERISTICS AT 25°C AMBIENT					
LED CHARACTERISTICS	MIN.	TYP.	MAX.	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	240		680	mc d	I <sub>f</sub> = 20 mA
FORWARD VOLTAGE		3.5	4.0	V	I <sub>f</sub> = 20 mA
REVERSE CURRENT			10	µA	V <sub>R</sub> = 5 V
DOMINANT WAVELENGTH		470		nm	I <sub>f</sub> = 20 mA
PEAK WAVELENGTH	460	464	480	nm	I <sub>f</sub> = 20 mA
VIEWING ANGLE (2 θ 1/2)		50		Degree	

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT	VALUE	UNITS
POWER DISSIPATION	140	mW
FORWARD DC CURRENT	30	mA
LINEAR DERATION FROM 55°C	0.8	mA/°C
PEAK FORWARD CURRENT (<math>\pm 1/10</math> DUTY CYCLE $T_w < \pm 10</math>msec.)$	100	mA
REVERSE VOLTAGE @ I <sub>R</sub> = 10 mA	5	V
OPERATING TEMPERATURE	-35 TO +85	°C
STORAGE TEMPERATURE	-35 TO +85	°C
SOLDERING TEMPERATURE FOR 5 SECONDS	260	°C

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SCALE: 6.000	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-17092	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	
FRACTIONS: ±1/64	∅ 3.0 mm BLUE LED	
DECIMALS (.XX): ±.01	MATERIAL	
DECIMALS (.XXX): ±.005		
DECIMALS (.XXXX): ±.0005		
ANGLES: ±1°		
FINISH:	<b>Dialight</b>	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727
FSCM 83330	SHEET OF	FAMILY TABLE: