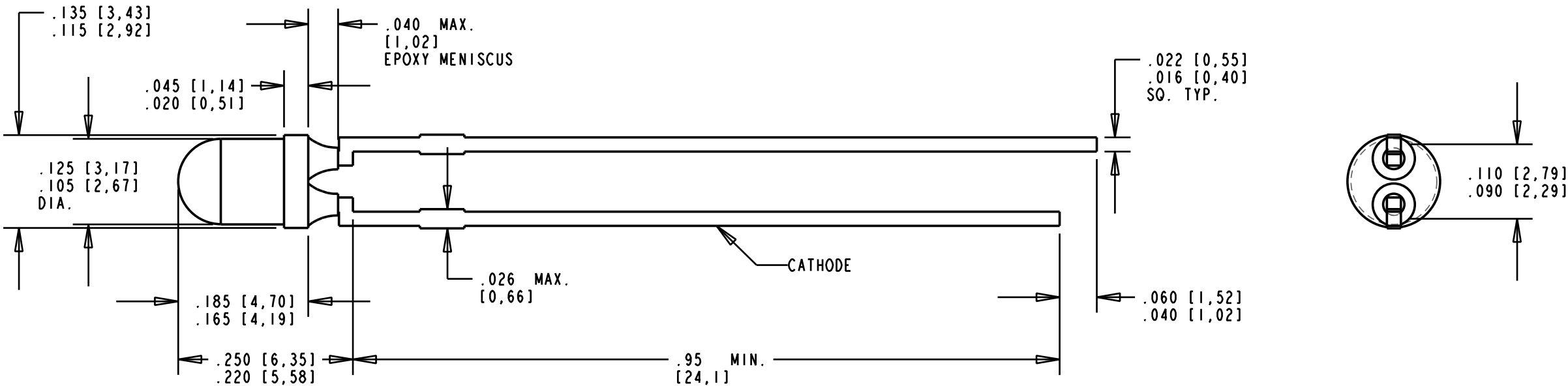


REV.	ECN NO.	REVISIONS	DRN.	CKD.	APP.	DATE
A	—	NEW RELEASE	JAV			



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	mcd	I _F = 20 mA
FORWARD VOLTAGE		3.5	4.0	V	I _F = 20 mA
REVERSE CURRENT			10	μA	V _R = 5 V
DOMINANT WAVELENGTH		470		nm	I _F = 20 mA
PEAK WAVELENGTH	460	464	480	nm	I _F = 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 (</- 1/10 DUTY CYCLE T _w </- 10msec.)		100	mA
REVERSE VOLTAGE @ I _R = 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 Ø 3.0 mm BLUE LED		
FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°	MATERIAL		
FINISH:	Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727		
FSCM 83330	SHEET	OF	FAMILY TABLE: