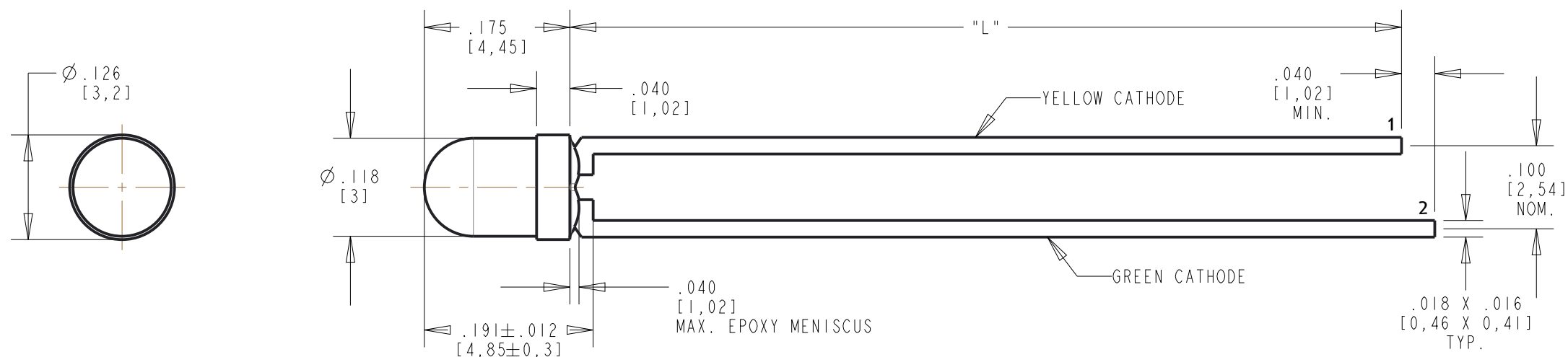


PART NUMBER	LED COLOR	LENS
521-8778F	AlInGaP Yel/InGaN Green	WHITE DIFFUSED

REV	ECN NO	REVISIONS	DRN	CKD	APP	QA	CM	DATE
A	127440	NEW RELEASE	LD	CS				2-10-25



NOTES:

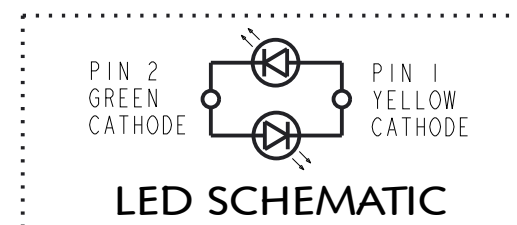
- DIALIGHT PART NUMBER: 521-8778F.
- EPOXY COLOR: WHITE DIFFUSED.
- DIE: YELLOW/GREEN (BI-COLOR).
- LEADS: SOLDER DIP MILD STEEL.
- SOLDER ADHERANCE: BOTH LEADS PER MIL. STD. 202E, METHOD 208C.
- PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.
- THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.
- 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	PEAK WAVELENGTH (nm)	DOMINANT WAVELENGTH (nm)			LUMINOUS INTENSITY (mcd) @ I _F =10mA			FORWARD VOLTAGE (V) @ I _F =20mA			REVERSE CURRENT (mA)	VIEWING ANGLE (DEGREES)
	TYP	MIN	TYP	MAX	MIN	TYP	MAX	MIN	TYP	MAX	MAX	TYP
YELLOW	591	586	590	593	30	65	140	1.6	2.1	2.6	100@VR=5V	80
GREEN	518	520	525	530	110	240	520	2.8	3.2	3.8		

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT			
	YELLOW	GREEN	UNITS
POWER DISSIPATION	78	114	mW
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1ms PULSE WIDTH)	80	60	mA
CONTINUOUS FORWARD CURRENT	30	30	mA
LEAD SOLDERING TEMPERATURE [1.6mm (.063")FROM BODY] FOR 5 SEC.	260	260	°C
OPERATING TEMPERATURE	-40 TO +85	-40 TO +85	°C
STORAGE TEMPERATURE	-40 TO +100	-40 TO +100	°C



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES



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SCALE: 6.000	DRAWING NUMBER	REV
ALL DIM'S: INCH (mm)	C-18799	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE Ø3mm YELLOW/GREEN BI-COLOR LED	
FRACTIONS: ±1/64 DECIMALS (.XX): ±.020 DECIMALS (.XXX): ±.010	MATERIAL	
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

Authorized Distributor

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