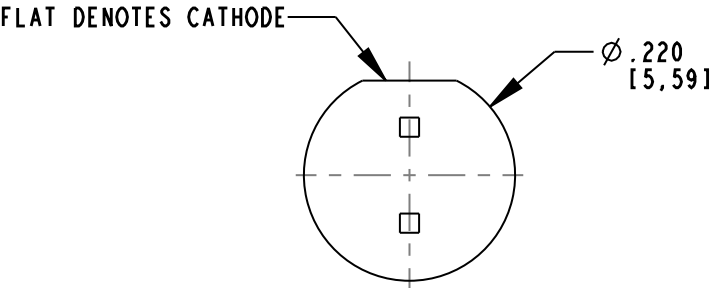
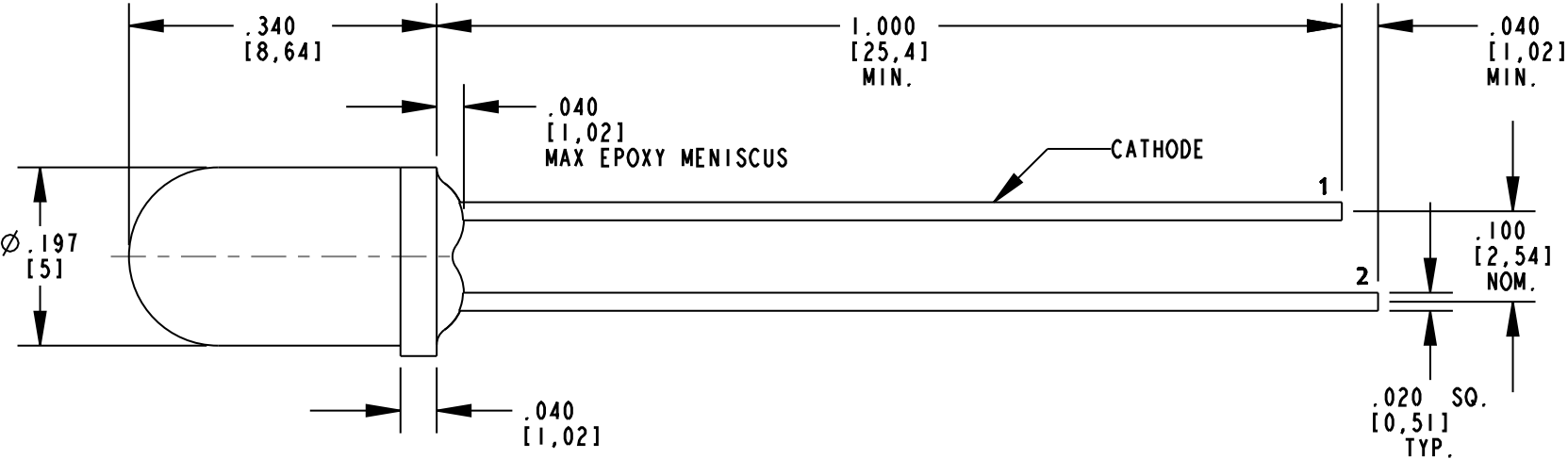


REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	AJF	KLJ	NO	1-20-11

RoHS COMPLIANT 521-9249F

Part Numbers with the "F" suffix ending are RoHS Compliant. Packaging is marked with "RoHS Compliant" label or equivalent markings. Parts can be wave soldered, dip soldered or hand soldered using typical lead-free soldering process with max 260°C temp. for 5 sec.



OPERATING CHARACTERISTICS AT 25°C AMBIENT					
LED CHARACTERISTICS	MIN.	TYP.	MAX.	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	29	90	—	mcd	I _F = 10 mA
PEAK WAVELENGTH	—	585	—	nm	
DOMINANT WAVELENGTH	—	588	—	nm	
FORWARD VOLTAGE	—	2.1	2.6	V	I _F = 20 mA
REVERSE CURRENT	—	—	100	μA	V _R = 5 V
VIEWING ANGLE	—	16	—	DEGREE	

NOTES:

1. DIALIGHT PART NUMBER: 521-9249F.
2. LED COLOR: AlInGaP/GaP/GaAsP YELLOW.
3. EPOXY COLOR: TRANSPARENT YELLOW.
4. LEAD SPACING MEASURED NEAR EPOXY PACKAGE.
5. PIN NUMBERS ARE FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT	VALUE	UNITS
POWER DISSIPATION	60	mW
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1ms PULSE WIDTH)	80	mA
CONTINUOUS FORWARD CURRENT	20	mA
LINEAR DERATING FROM 50°C	0.25	mA/°C
REVERSE VOLTAGE	5	V
LEAD SOLDERING TEMPERATURE (.063" [1.6mm] FROM BODY) FOR 5 SEC.	260	°C
OPERATING TEMPERATURE	-55 TO +100	°C
STORAGE TEMPERATURE	-55 TO +100	°C



THIS DRAWING AND THE CONTENTS HEREIN ARE CONFIDENTIAL AND THE SOLE PROPERTY OF DIALIGHT. REPRODUCTION OF THIS DRAWING OR CONSTRUCTION OF ANY PARTS WITHIN THIS DRAWING ARE FORBIDDEN WITHOUT THE WRITTEN CONSENT OF DIALIGHT.		
SCALE: 5.000 ALL DIM'S IN: INCHES (MM)	DRAWING NUMBER C-17901	REV A
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XX): ±.02 DECIMALS (.XXX): ±.010	TITLE Ø5mm, YELLOW NON-DIFFUSED LED	
ANGLES: ±1°	MATERIAL	
FINISH:	Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
FSCM 83330	SHEET 1 OF 1	FAMILY TABLE:

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Dialight:

521-9249F