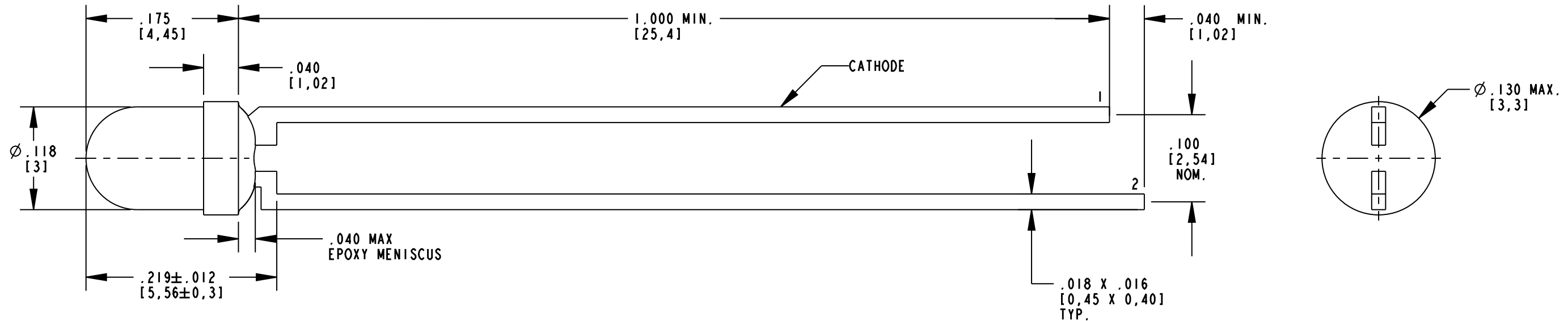


DIALIGHT P/N	LED COLOR	LENS COLOR
521-9215F	RED	TINTED DIFFUSED
521-9322F	YELLOW	TINTED DIFFUSED
521-9323F	GREEN	TINTED DIFFUSED

RoHS COMPLIANT 521-9XXXF

Part Numbers with the "F" suffix ending are RoHS Compliant.
 Example: 521-9215F
 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.

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A		NEW RELEASE	AJF	KLJ	NO	6-16-10



OPERATING CHARACTERISTICS AT 25°C AMBIENT						
LED CHARACTERISTICS	LED COLOR	MIN.	TYP.	MAX.	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	RED	8.7	29.0		mcd	V _f = 5 V
	GREEN	5.6	19.0			
	YELLOW	3.7	12.6			
PEAK WAVELENGTH	RED		635		nm	
	GREEN		565			
	YELLOW		585			
DOMINANT WAVELENGTH	RED	615	625	632	nm	
	GREEN	564	565	573		
	YELLOW	584	590	595		
FORWARD CURRENT	RED		10.0	20.0	V	V _f = 5 V
	GREEN		10.0	20.0		
	YELLOW		10.0	20.0		
REVERSE CURRENT	ALL			100	μA	V _r = 5 V
VIEWING ANGLE	ALL		60		DEGREE	

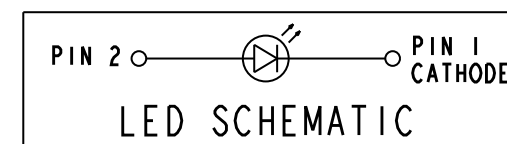
NOTES:

- PIN NUMBERS ARE FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.
- LEAD SPACING MEASURED NEAR EPOXY PACKAGE.
- DIALIGHT PART NUMBERS: 521-9215F, 521-9322F & 521-9323F.
- THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING AND STORAGE IN ACCORDANCE WITH IPC-A-610.

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT	LED COLOR			UNITS
	RED	GREEN	YELLOW	
CONTINUOUS FORWARD VOLTAGE	7.5			V
LINEAR DERATING FROM 50°C	0.086			V/°C
REVERSE VOLTAGE	5			V
LEAD SOLDERING TEMPERATURE (.063" [1.6mm] FROM BODY) FOR 5 SEC.	260			°C
OPERATING TEMPERATURE	-40 TO +85			°C
STORAGE TEMPERATURE	-55 TO +100			°C



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES



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: 8.000 ALL DIM'S IN: INCHES (MM)	DRAWING NUMBER C-17849	REV A
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XX): ±.02 DECIMALS (.XXX): ±.010	TITLE Ø3mm LED INTEGRAL RESISTOR 5V	MATERIAL -
ANGLES: ±1° FINISH: -	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:

[521-9215F](#) [521-9322F](#)