

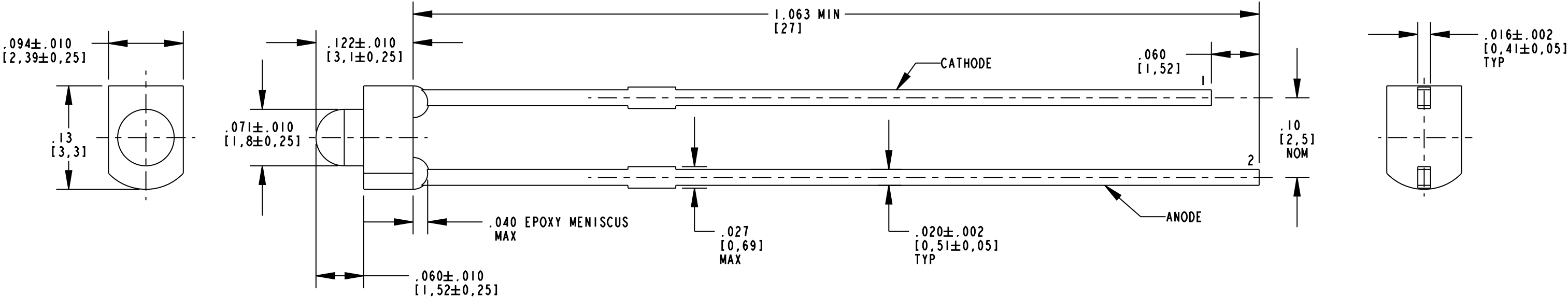
DIALIGHT PART NUMBER	LENS COLOR	PEAK WAVELENGTH (nm)	DOMINANT WAVELENGTH (nm)	LUMINOUS INTENSITY (mcd) @ IF=10 mA, 25°C		FORWARD VOLTAGE (V) @ IF= 20 mA, 25°C		VIEWING ANGLE (°)
		TYP	TYP	MIN	TYP	MIN	TYP	
521-9630F	RED DIFFUSED	627	625	8	15	2.0	2.5	70
521-9631F	YELLOW DIFFUSED	590	588	5	8	2.1	2.5	70
521-9632F	GREEN DIFFUSED	565	568	5	10	2.2	2.5	70

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	AJF	KLJ	NO	11-10-09

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT	LENS COLOR			UNITS
	RED DIFFUSED	YELLOW DIFFUSED	GREEN DIFFUSED	
POWER DISSIPATION	105	105	105	mW
CONTINUOUS FORWARD CURRENT	30	30	25	mA
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	160	140	140	mA
DERATING LINEAR FROM 25°C	0.4	0.4	0.33	mA/°C
REVERSE VOLTAGE	5			V
SOLDERING TEMPERATURE (.157 FROM BODY)	260°C FOR 5 SEC			
OPERATING TEMPERATURE	-40 TO +85			°C
STORAGE TEMPERATURE	-40 TO +85			°C

RoHS COMPLIANT 521-963XF

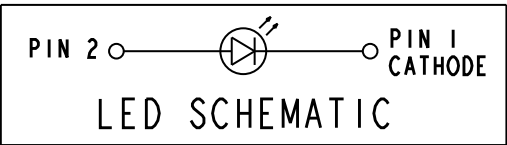
Part Numbers with the "F" suffix ending are RoHS Compliant.
Example: 521-9630F
Packaging is marked with "RoHS Compliant" label or equivalent markings. Parts can be wave soldered, dip soldered or hand soldered using typical lead-free soldering process with max 260°C temp. for 5 sec.



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

NOTES:

1. DIE: GaAsP/GaP FOR RED & YELLOW, GaP FOR GREEN.
2. EPOXY COLOR: RED DIFFUSED, YELLOW DIFFUSED, GREEN DIFFUSED.
3. LEAD SPACING MEASURED NEAR EPOXY PACKAGE.
4. PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.
5. DIALIGHT PART NUMBERS: 521-9630F, 521-9631F, 521-9632F.
6. PACKAGING: BULK
7. THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING AND STORAGE IN ACCORDANCE WITH IPC-A-610.



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	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-17797	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE 1.8 mm DOT POINT LED LAMP RoHS COMPLIANT	
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 1 OF 1	FAMILY TABLE: