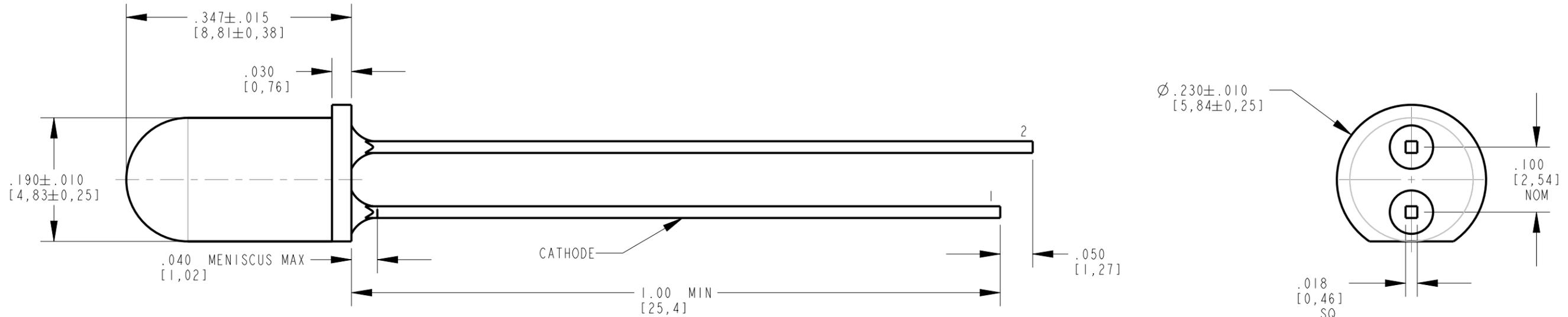


DIALIGHT PART NUMBER	LED COLOR	LENS COLOR
521-9320F	RED	TINTED DIFF.
521-9321F	YELLOW	TINTED DIFF.
521-9327F	GREEN	TINTED DIFF.

RoHS COMPLIANT 521-9320F, 521-9321F & 521-9327F
 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.

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	AJF	KLJ	NO	12-17-09
B	—	UPDATED LED SPECS	BP	—	NO	4-2-18



NOTES:

- LEAD SPACING MEASURED NEAR EPOXY PACKAGE.
- PIN NUMBERS ARE FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.
- DIALIGHT PART NUMBERS: 521-9320F, 521-9321F, & 521-9327F.
- SOLDER ADHERANCE: BOTH LEADS AS PER MIL STD. 202E METHOD 208C.
- THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.
- SUGGESTED PLATED THROUGH MOUNTING HOLE ON PCB IS .040±0.003



ATTENTION:
 OBSERVE PRECAUTIONS FOR
 HANDLING ELECTROSTATIC
 SENSITIVE DEVICES



OPERATING CHARACTERISTICS AT 25°C AMBIENT											
LED COLOR	PEAK WAVELENGTH (nm) TYP	DOMINANT WAVELENGTH (nm)			VIEWING ANGLE (°) 2 Θ 1/2	LUMINOUS INTENSITY (mcd) @ If=2mA			FORWARD VOLTAGE (V) @ If=2mA		REVERSE CURRENT (μA)
		MIN	TYP	MAX		MIN	TYP	MAX	TYP	MAX	MAX
RED	635	—	626	—	50	1.5	2.3	4.2	1.7	2.0	50 @ VR=5V
YELLOW	—	—	585	—	50	0.9	2.1	—	1.8	2.5	50 @ VR=5V
GREEN	565	—	569	—	50	1.0	2.3	—	1.9	2.2	50 @ VR=5V

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT	LED COLOR			UNITS
	RED	YELLOW	GREEN	
POWER DISSIPATION	14	18	16	mW
CONTINUOUS FORWARD CURRENT	7			mA
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	500			mA
REVERSE VOLTAGE	5			V
LEAD SOLDERING TEMPERATURE FOR 5 SEC.	260			°C
OPERATING TEMPERATURE	-40 TO +100		-20 TO +100	°C
STORAGE TEMPERATURE	-40 TO +100			°C

THIS DRAWING AND THE CONTENTS HEREIN ARE CONFIDENTIAL AND THE SOLE PROPERTY OF DIALIGHT CORP. REPRODUCTION OF THIS DRAWING OR CONSTRUCTION OF ANY PARTS WITHIN THIS DRAWING ARE FORBIDDEN WITHOUT THE WRITTEN CONSENT OF DIALIGHT CORP.		
SCALE: 6.000	DRAWING NUMBER	REV
ALL DIM'S: INCH (mm)	C-17806	B
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	
FRACTIONS: ±1/64	Ø5mm LED	
DECIMALS (.XX): ±.02	MATERIAL	
DECIMALS (.XXX): ±.015	-	
ANGLES: ±3°	FINISH	
-	-	
FSCM 83330	SHEET 1 OF 1 FAMILY TABLE:	
 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 (732) 919-3119 www.dialight.com		