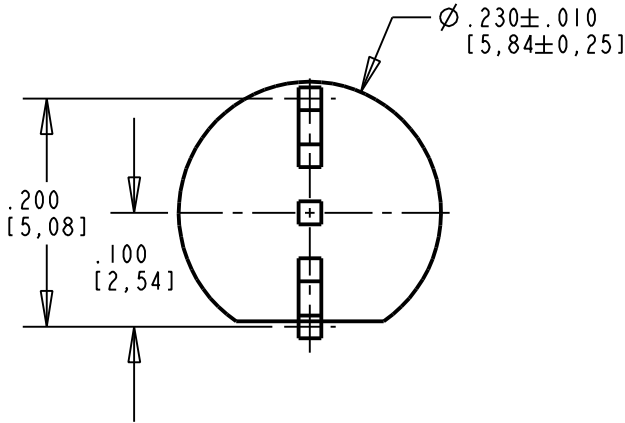
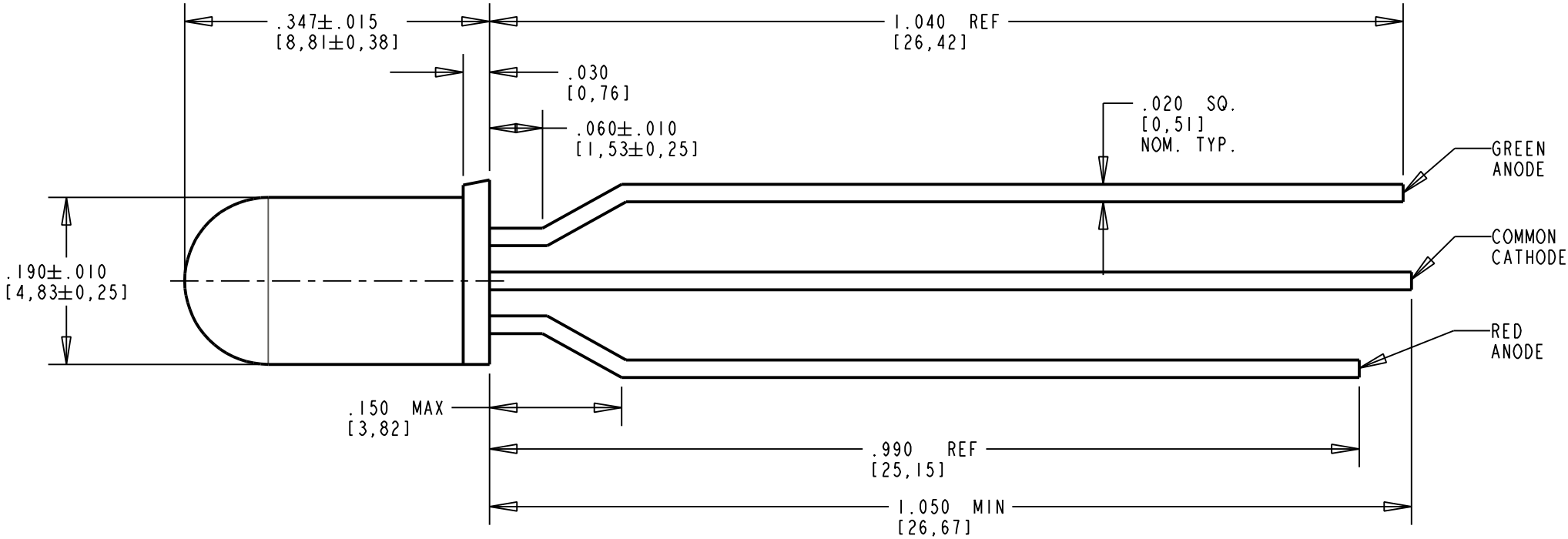


RoHS COMPLIANT 521-9450F

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	KLJ	JLC	N.O.	4-30-09



OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITION
LUMINOUS INTENSITY	RED	2.1	5		mcd	I _f = 10 mA
	GREEN	4.2	8			
PEAK WAVELENGTH	RED		635		nm	
	GREEN		565			
DOMINANT WAVELENGTH	RED		626			
	GREEN		569			
FORWARD VOLTAGE	RED		2.1	2.5	V	I _f = 10 mA
	GREEN		2.3	2.7		
REVERSE CURRENT	RED			100	μA	V _r = 5 V
	GREEN			100		
VIEWING ANGLE	RED		65		DEG	I _f = 10 mA
	GREEN		65			

ABSOLUTE MAXIMUM RATING 25°C AMBIENT			
PARAMETER	RED	GREEN	UNITS
PEAK FORWARD CURRENT	90	90	mA
AVERAGE FORWARD CURRENT	25	25	mA
DC CURRENT	30	30	mA
REVERSE VOLTAGE (I _R = 100 μA)	5	5	V
TRANSIENT FORWARD CURRENT (10 μSEC PULSE)	500	500	mA
DERATE LINEARLY FROM 50°C	0.5	0.5	mA/°C
POWER DISSIPATION	135	135	mW
OPERATING TEMPERATURE RANGE	-20 TO +85		°C
STORAGE TEMPERATURE RANGE	-55 TO +100		°C
LEAD SOLDERING TEMPERATURE [1.6 MM (0.063 IN.) BELOW SEATING PLANE]	260°C FOR 5 SECONDS		

NOTES:

- LENS: WHITE DIFFUSED
- LEAD SPACING MEASURED NEAR EPOXY PACKAGE.
- DIALIGHT PART NUMBER: 521-9450F
- THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.



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: 6.000 ALL DIM'S IN: INCHES (MM)	DRAWING NUMBER C-17726	REV A
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°	TITLE 5mm 3-LEADED BI-COLOR LED RoHS COMPLIANT	
FINISH:	MATERIAL	
FSCM 83330	Dialight oooooooooooo	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727
SHEET 1 OF 1		FAMILY TABLE:

AMEYA360

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