

DIALIGHT PART NUMBER	LED COLOR
521-9651F	RED/GREEN BI-COLOR
521-9724F	YELLOW/GREEN BI-COLOR

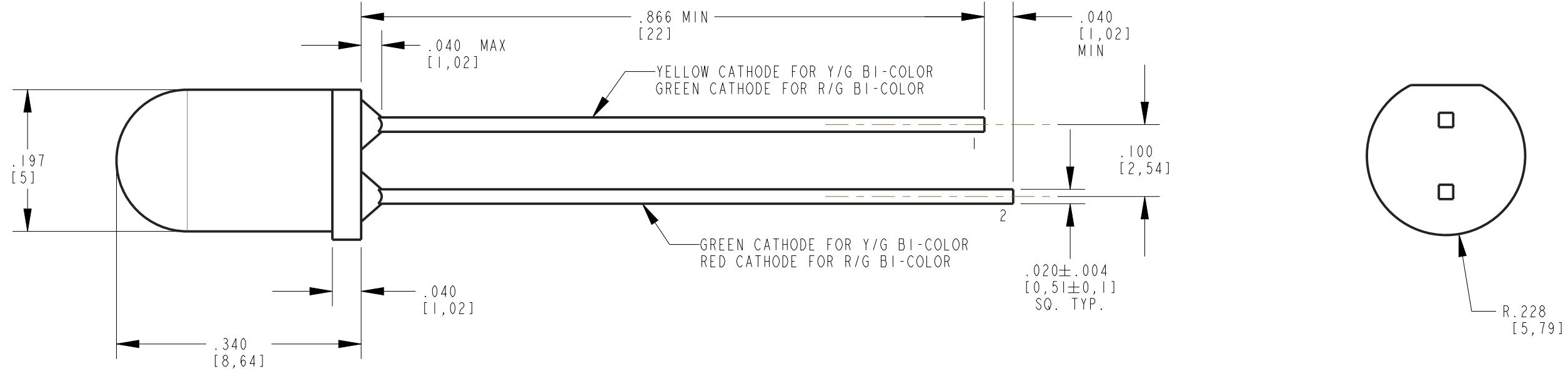
RoHS COMPLIANT 521-9651F & 521-9724F

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.



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	_____	NEW RELEASE	KLJ	NO		1-5-09
B	_____	REVISED NOTE I UPDATED SPECS FOR Y/G LED	VP	NO	SK	5-6-15
C	102782	UPDATED LED SPECS	LD	CS		3-2-23

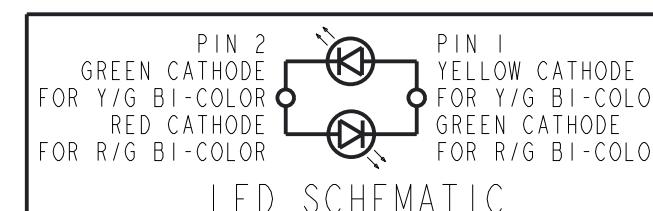


OPERATING CHARACTERISTICS AT 25°C AMBIENT

BI-COLOR LED	COLOR	DOMINANT WAVELENGTH (nm)			LUMINOUS INTENSITY @ $I_F = 20$ mA (mcd)			FORWARD VOLTAGE @ $I_F = 20$ mA (V)			REVERSE CURRENT (μ A)	PEAK WAVELENGTH (nm)	VIEWING ANGLE (DEG)
		MIN	TYP	MAX	MIN	TYP	MAX	TYP	MAX	MAX			
YELLOW/GREEN	YELLOW	585	589	592	11	30	—	2.1	2.6	100	591	50	
	GREEN	567	571	574	18	50	—				573		
RED/GREEN	RED	—	638	—	23	—	110	2.0	2.6	100	660	60	
	GREEN	—	569	—	23	—	110	2.0	2.6		570		

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT	UNITS	Y/G BI-COLOR		R/G BI-COLOR	
		YELLOW	GREEN	RED	GREEN
POWER DISSIPATION	mW	52	52	81	81
FORWARD DC CURRENT	mA	20	20	30	30
DERATING LINEAR FROM 50°C	mA/°C	0.40	0.40	0.45	
SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY	°C	260			
OPERATING TEMPERATURE	°C	-40 to +100		-40 TO +85	
STORAGE TEMPERATURE	°C			-40 TO +100	



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SCALE: 4.000	DRAWING NUMBER	REV
ALL DIM's: INCH (mm)	C - 17695	
TOLERANCES: UNLESS OTHERWISE SPECIFIED		
FRACTIONS: $\pm 1/64$	TITLE	
DECIMALS (.XX): $\pm .02$	$\varnothing 5\text{mm}$ BI-COLOR LED	
DECIMALS (.XXX): $\pm .010$	RoHS COMPLIANT	
ANGLES: $\pm 3^\circ$	MATERIAL	
FINISH		
FSCM 83330	 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 (732) 919-3119 www.dialight.com	
SHEET 1 OF 1	FAMILY TABLE:	