

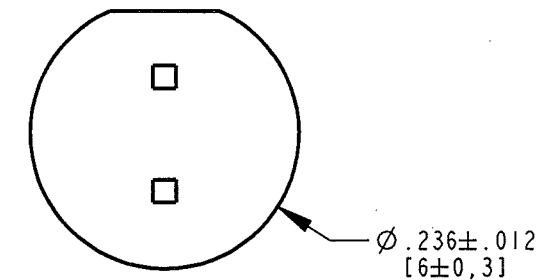
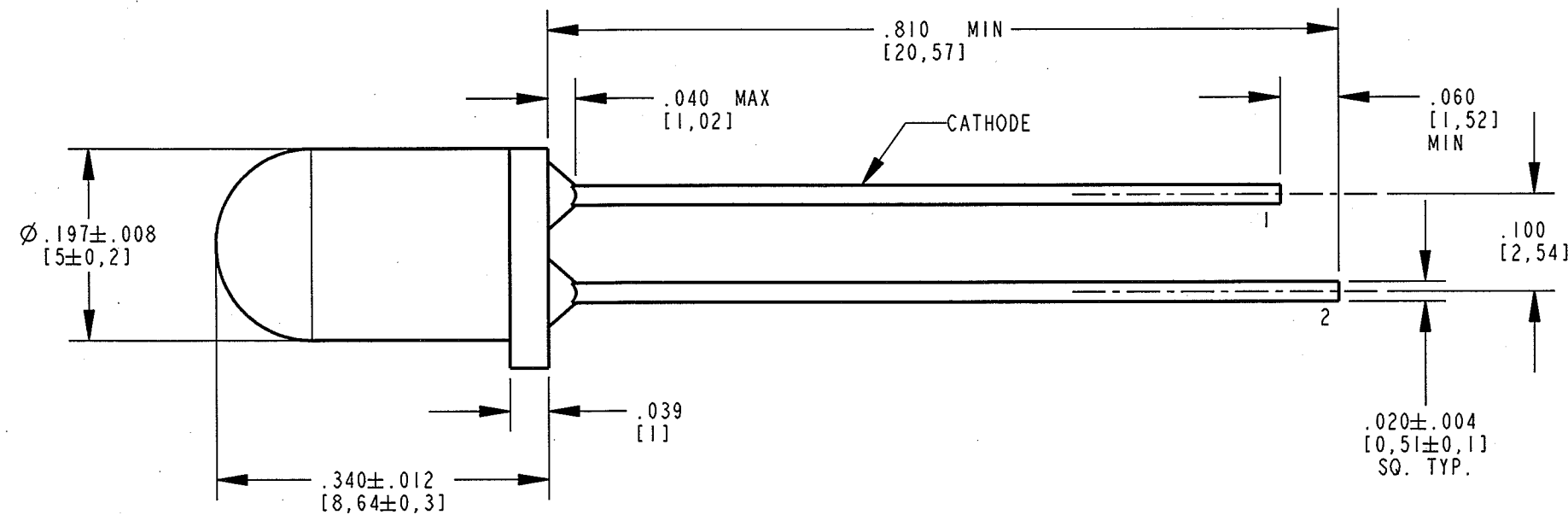
# RoHS COMPLIANT 521-9240F

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	M.B.		3/23/09



OPERATING CHARACTERISTICS AT 25°C AMBIENT					
LUMINOUS INTENSITY @ I <sub>F</sub> = 10 mA (mcd)		FORWARD VOLTAGE @ I <sub>F</sub> = 10 mA (V)		PEAK WAVELENGTH (nm)	VIEWING ANGLE (DEG)
MIN	TYP	TYP	MAX	TYP	TYP
2.2	6.3	2.0	2.55	650	50

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT		
	UNITS	VALUE
POWER DISSIPATION	mW	60
FORWARD DC CURRENT	mA	25
PEAK TRANSIENT CURRENT	mA	60
DERATING LINEAR FROM 50°C	mW/°C	0.66
SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY	°C	260
OPERATING TEMPERATURE	°C	-55 TO +100
STORAGE TEMPERATURE	°C	-55 TO +100

## NOTES:

1. DIE: GaAsP/GaP
2. LENS COLOR: RED TINTED DIFFUSED
3. LEAD SPACING MEASURED NEAR EPOXY PACKAGE.
4. PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.
5. DIALIGHT PART NUMBER: 521-9240F
6. PACKAGING: BULK
7. LABELING: BAGS TO BE IDENTIFIED WITH DIALIGHT P/N, QTY, DATE CODE, AND INTENSITY AND COLOR BIN CATEGORIES.
8. 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: 4.000 ALL DIM'S IN: INCHES (MM)	DRAWING NUMBER C-17718	REV A
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XX): ±.02 DECIMALS (.XXX): ±.010	TITLE Ø5mm RED DIFFUSED LED RoHS COMPLIANT	
ANGLES: ±3°	MATERIAL	
FINISH:	Dialight 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:

521-9240F