

Excellent Integrated System Limited

Stocking Distributor

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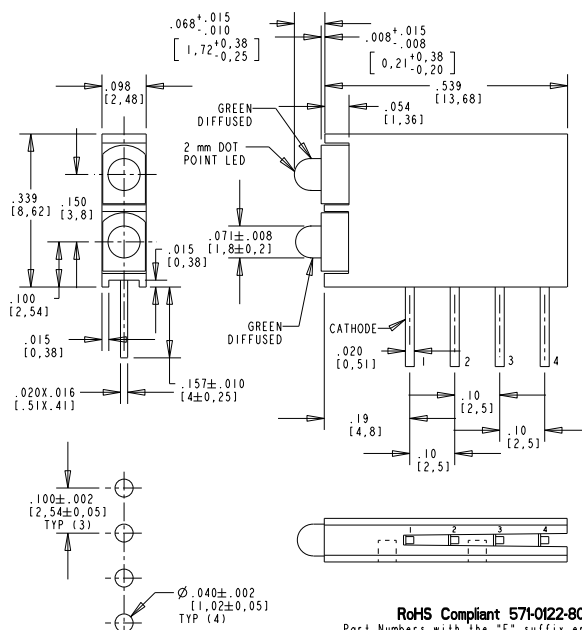
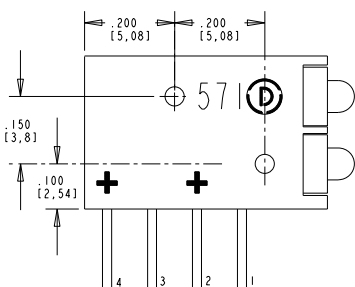
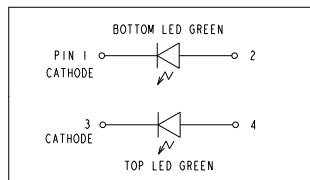
[Dialight](#)

[5710122809F](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A		NEW RELEASE	SM			



OPERATING CHARACTERISTICS AT 25°C AMBIENT					
CHARACTERISTICS	COLOR	MIN	TYP	MAX	TEST CONDITIONS
LUMINOUS INTENSITY	GREEN	5	10		$I_f = 10 \text{ mA}$
FORWARD VOLTAGE	GREEN		2.2	2.5	$I_f = 20 \text{ mA}$
DOMINANT WAVELENGTH	GREEN		568		nm
PEAK EMISSION WAVELENGTH	GREEN		565		nm
VIEWING ANGLE $2\theta_{1/2}$	GREEN		70		Degree
CAPACITANCE	GREEN		20		pF $V_r = 0 \text{ V}, f = 1 \text{ MHz}$

RECOMMENDED PC BOARD HOLE PATTERN



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

RoHS Compliant 571-0122-809F 2mm G/G CBI
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.

ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT	GREEN	UNITS
POWER DISSIPATION	105	mW
FORWARD CURRENT	25	mA
DERATING LINEAR FROM 25 °C	.33	mA/°C
REVERSE VOLTAGE	5	V
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY	260	°C
OPERATING TEMPERATURE	-40 TO +85	°C
STORAGE TEMPERATURE	-40 TO +85	°C

NOTES:

- LED LEAD DIMENSIONS ARE MEASURED AT HOUSING EXIT.
- PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PARTS
- DIALIGHT PART NUMBER: 571-0122-809F.
- 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: DRAWING SCALE ALL DIMS IN: INCHES (MM)	DRAWING NUMBER C-17493
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 ANGLES: ±1°	REV A
FINISH:	TITLE 2MM LED BI-LEVEL CBI G,G RoHS COMPLIANT
FSCM 83330	MATERIAL
	Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727
	SHEET 1 OF 1 FAMILY TABLE: