

Excellent Integrated System Limited

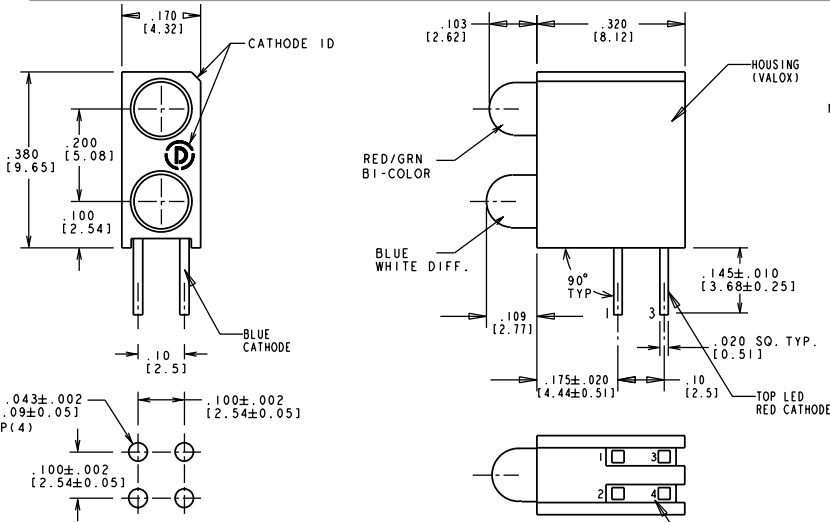
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Dialight](#)
[5530718840F](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

REV.	ECN NO.	REVISIONS	DRN.	CKD.	APP.	DATE
A		NEW RELEASE	DC			



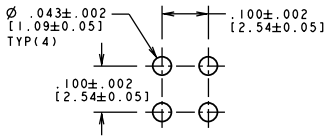
NOTES:

- LEADS TO FIT INTO HOLES SPACED AS PER HOLE PATTERN.
- PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.
- LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT.
- ATTENTION: OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES.
- DIALIGHT PART NO. 553-0718-840.

**RED/GREEN BI-COLOR LEDS
OPERATING CHARACTERISTICS AT T_A = 25 °C**

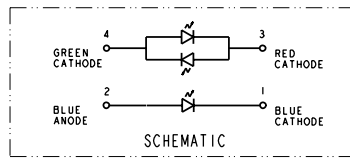
CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST COND.
FORWARD VOLTAGE	RED GREEN		2.0 2.1	2.8 2.8	V	I _F = 20 mA
PEAK WAVELENGTH	RED GREEN		635 565		nm	I _F = 20 mA
LUMINOUS INTENSITY	RED GREEN	2.5 3.7	4.7 10.0		mc d	I _F = 10 mA
VIEWING ANGLE	RED GREEN		60		DEG.	I _F = 20 mA

RECOMMENDED PC BOARD HOLE PATTERN



**BLUE WHITE DIFF. LED
OPERATING CHARACTERISTICS AT T_A = 25 °C**

CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST COND.
FORWARD VOLTAGE	BLUE		3.5	4.2	V	I _F = 10 mA
PEAK WAVELENGTH	BLUE		428		nm	
LUMINOUS INTENSITY	BLUE	6.3		20	mc d	I _F = 10 mA
VIEWING ANGLE	BLUE		70		DEG.	



ABSOLUTE MAXIMUM RATING AT 25 °C AMBIENT		UNITS
POWER DISSIPATION	100	mW
CONTINUOUS FORWARD CURRENT	20	mA
DERATE LINEARLY FROM 55 °C	0.44	mA/°C
PEAK PULSE CURRENT, 10µs PULSE	120	mA
REVERSE VOLTAGE	5	V
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BASE	260	°C
OPERATING TEMPERATURE	-40 TO +100	°C
STORAGE TEMPERATURE	-40 TO +100	°C

ABSOLUTE MAXIMUM RATING AT 25 °C AMBIENT		UNITS
POWER DISSIPATION	100	mW
CONTINUOUS FORWARD CURRENT	30	mA
DERATE LINEARLY FROM 50 °C	0.40	mA/°C
PEAK PULSE CURRENT, 10µs PULSE	120	mA
PEAK REVERSE VOLTAGE	5	V
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BASE	260	°C
OPERATING TEMPERATURE	-55 TO +100	°C
STORAGE TEMPERATURE	-55 TO +100	°C

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SCALE 5:1
ALL DIM'S IN: INCHES (MM)
TOLERANCES: UNLESS OTHERWISE SPECIFIED
FRACTIONS (.XX): ±.01
DECIMALS (.XXX): ±.015
ANGLES: ±3°

FINISH:

FSCM 83330

DRAWING NUMBER: C-16880
REV: A

TITLE: 3mm LED BI-LEVEL CBI
MATERIAL:

Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727

SHEET 1 OF 1 FAMILY TABLE: