

Excellent Integrated System Limited

Stocking Distributor

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

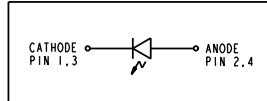
[Dialight](#)
[5522388](#)

For any questions, you can email us directly:

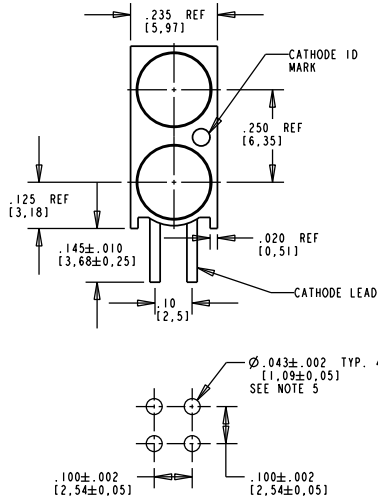
sales@integrated-circuit.com

REV.	ECN-NO.	REVISIONS	DRN.	CKD.	APP.	DATE
A	—	NEW RELEASE	JAV			

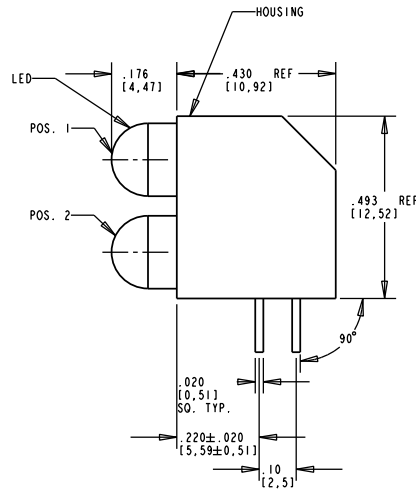
OPERATING CHARACTERISTICS AT $T_A = 25^\circ\text{C}$					
LED CHARACTERISTICS	MIN.	TYP.	MAX.	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	520		1500	mc d	IF = 20mA
PEAK WAVELENGTH		470		nm	IF = 20mA
DOMINANT WAVELENGTH		472		nm	IF = 20mA
VIEWING ANGLE (2 θ 1/2)		30		DEG.	
FORWARD VOLTAGE		3.8	4.0	V	IF = 20mA



ABSOLUTE MAXIMUM RATINGS AT $T_A = 25^\circ\text{C}$		
PARAMETER	VALUE	UNITS
DC FORWARD CURRENT	30	mA
PEAK FORWARD CURRENT	100	mA
POWER DISSIPATION	120	mW
REVERSE VOLTAGE ($I_R = 100\mu\text{A}$)	5	V
OPERATING TEMPERATURE RANGE	-40 TO +80	$^\circ\text{C}$
STORAGE TEMPERATURE RANGE	-40 TO +100	$^\circ\text{C}$
DIP-DRAW SOLDER TEMPERATURE	260 FOR 5 SEC.	$^\circ\text{C}$



P.C. BOARD HOLE PATTERN



NOTES:

1. LAMP MUST BE SEATED ALL THE WAY DOWN INTO HOUSING. BENDS MUST BE TIGHT, NO LONGITUDINAL TRAVEL ALONG AXIS ALLOWED.
2. ATTENTION: OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES. FOR EYE SAFETY DO NOT STARE DIRECTLY INTO THE LIGHT BEAM OF THESE LED DEVICES AT CLOSE RANGE.
3. DIALIGHT PART NUMBER: 552-2388

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SCALE: 4.000	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-17098	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	5mm CBI BI-LEVEL BLUE
FRACTIONS: $\pm 1/64$	MATERIAL	
DECIMALS (.XX): $\pm .020$		
DECIMALS (.XXX): $\pm .015$		
DECIMALS (.XXXX): $\pm .0005$		
ANGLES: $\pm 3^\circ$		
FINISH:		
FSCM 83330	Dialight	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727
	SHEET OF	FAMILY TABLE: