

## Excellent Integrated System Limited

Stocking Distributor

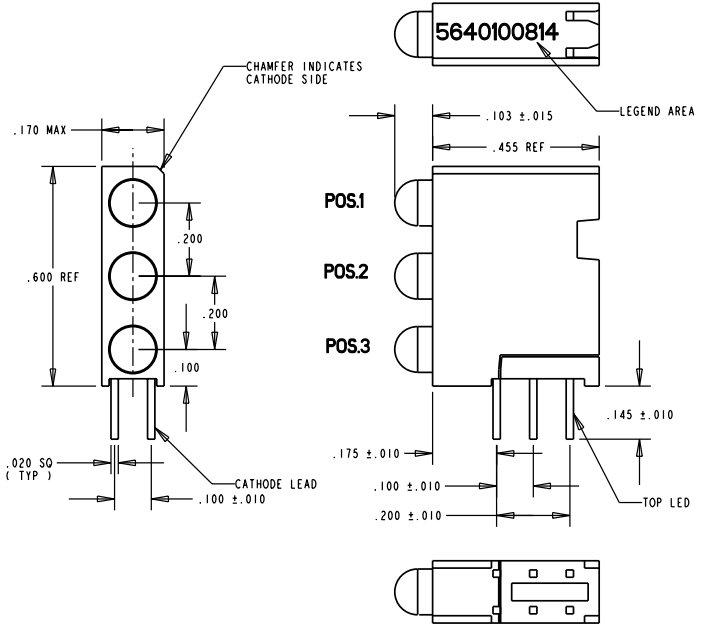
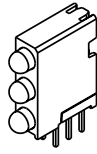
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Dialight](#)  
[5640100814F](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

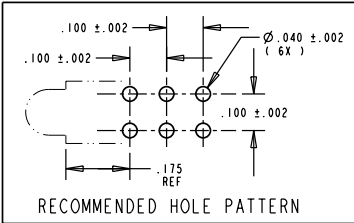
PART NUMBER and LEGEND	LED COLOR		
	POSITION 1	POSITION 2	POSITION 3
564-0100-814	GREEN DIFFUSED	GREEN DIFFUSED	GREEN DIFFUSED

REV.	ECN NO.	REVISIONS	DRN.	CHK.	APP.	DATE
A		NEW RELEASE	AV	DC	N.O.	3-1-99
B		REORIENTED PRINTING	TC			



LED COLOR = GREEN					
OPERATING CHARACTERISTICS AT 25°C AMBIENT					
CHARACTERISTICS	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	4.7	12.6		mc	$I_f = 10 \text{ mA}$
FORWARD VOLTAGE		2.1	2.8	V	$I_f = 20 \text{ mA}$
REVERSE CURRENT			100	$\mu\text{A}$	$V_R = 5 \text{ V}$
PEAK WAVELENGTH		565		nm	
VIEWING ANGLE		60		Degree	

ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT		UNITS	
POWER DISSIPATION		mW	100
DERATE LINEARLY FROM 50°C		$\text{mW}/^\circ\text{C}$	0.4
CONTINUOUS FORWARD CURRENT		mA	30
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)		mA	120
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY		$^\circ\text{C}$	260
OPERATING TEMPERATURE		$^\circ\text{C}$	-55 TO 100
STORAGE TEMPERATURE		$^\circ\text{C}$	-55 TO 100



NOTES:

- LEADS TO FIT INTO HOLES SPACED AS PER HOLE PATTERN
- LEADS TO BE FREE OF DEFORMATION AFTER BENDING AND CUTTING
- LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT
- PACKAGING :  
BLOCKS PLACED IN CLEAR ANTISTATIC TRAYS  
230 BLOCKS PER TRAY / 10 TRAYS PER BOX / 2300 BLOCKS PER BOX  
PLUS 1 EMPTY COVER TRAY
- DIALIGHT PART NUMBER = 564-0100-814

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SCALE 4:1	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES	C-16489	B
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	STANDARD 3X1 CBI BLOCK
FRACTIONS: ±1/64	MATERIAL	
DECIMALS (.XX): ±.020		
DECIMALS (.XXX): ±.015		
DECIMALS (.XXXX): ±.010		
ANGLES: ±3°		
FINISH:		
FSCM 83330		
	SHEET OF	FAMILY TABLE: