

## Excellent Integrated System Limited

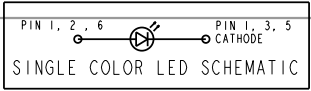
Stocking Distributor

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

[Dialight](#)  
[5640100821F](#)

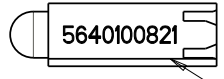
For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

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



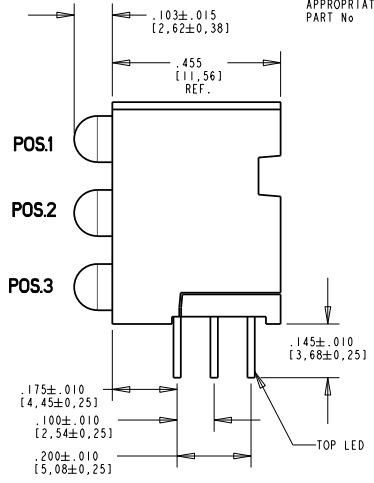
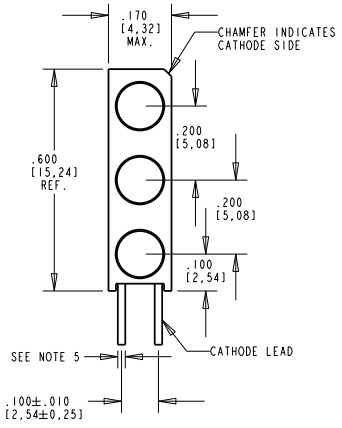
PART NUMBER	LED COLOR		
	POSITION 1	POSITION 2	POSITION 3
564-0100-821	GREEN DIFFUSED	RED DIFFUSED	ORANGE DIFFUSED

- NOTES:
- 1- THIS PRODUCT USES SPECIAL BIN OF GREEN LED FOR VOLTAGE RANGE
  - 2- LEADS TO FIT INTO HOLES SPACED AS PER HOLE PATTERN
  - 3- LEADS TO BE FREE OF DEFORMATION AFTER BENDING AND CUTTING
  - 4- LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT.
  - 5- .020 SQ = ORANGE  
.018 X .016 = RED, GREEN
  - 6- DIALIGHT PART NUMBER = 564-0100-821

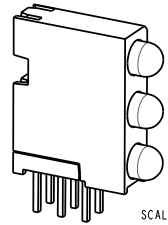
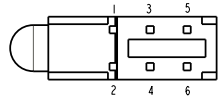
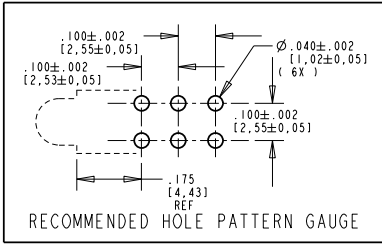


LEGEND AREA  
 PRINT WITH APPROPRIATE PART No

OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS		MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	GREEN	4.7	12.6		mcd	I <sub>r</sub> = 20 mA
	RED	7.4	10.0			
	ORANGE	112		280		
FORWARD VOLTAGE	GREEN		2.1	2.8	V	I <sub>r</sub> = 20 mA
	RED		2.0	2.8		
	ORANGE	1.85		2.35		
REVERSE CURRENT	GREEN			100	μA	V <sub>r</sub> = 5 V
	RED			100		
	ORANGE			10		
PEAK WAVELENGTH	GREEN		565		nm	I <sub>r</sub> = 20 mA
	RED		635			
	ORANGE		610			
VIEWING ANGLE	GREEN		60		Degree	
	RED		60			
	ORANGE		70			
DOMINANT WAVELENGTH	GREEN				pf	I <sub>r</sub> = 20 mA
	RED					
	ORANGE			610		



ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT				
	GREEN	RED	ORANGE	UNITS
POWER DISSIPATION	100	100	80	mW
DERATE LINEARLY	4 FROM 50 °C	4 FROM 50 °C		mA/°C
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY	260	260	260	°C
OPERATING TEMPERATURE	-55 TO +100	-55 TO +100	-55 TO +100	°C
STORAGE TEMPERATURE	-55 TO +100	-55 TO +100	-55 TO +100	°C



SCALE 3.000

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SCALE: 4.000  
 ALL DIMS IN: INCHES (MM)

TOLERANCES: UNLESS OTHERWISE SPECIFIED  
 FRACTIONS: ±1/64  
 DECIMALS (.XXX): ±.01  
 DECIMALS (.XXXX): ±.0005  
 ANGLES: ±1°

FINTSH:

FSCM 83330

DRAWING NUMBER: C-17225  
 REV: A

TITLE: 3X1 CBI BLOCK G, R, O

MATERIAL:

Dialight  
 1501 ROUTE 34 SOUTH  
 FARMINGDALE, NJ 07727

SHEET 1 OF 1 FAMILY TABLE: