

Excellent Integrated System Limited

Stocking Distributor

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[5680016815F](#)

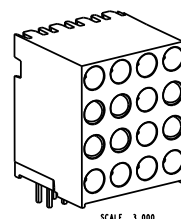
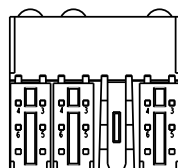
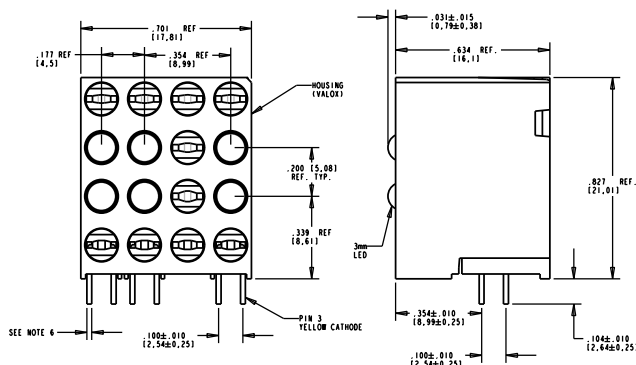
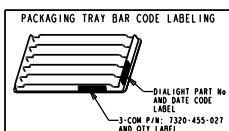
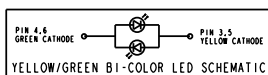
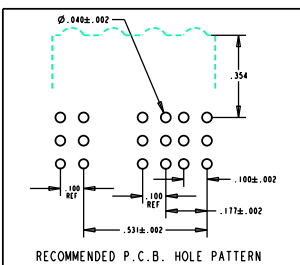
For any questions, you can email us directly:

sales@integrated-circuit.com

POSITION	COLOR	POSITION	COLOR	POSITION	COLOR	POSITION	COLOR
1	BLANK	5	BLANK	9	BLANK	13	BLANK
2	YELLOW/GREEN	6	YELLOW/GREEN	10	BLANK	14	YELLOW/GREEN
3	YELLOW/GREEN	7	YELLOW/GREEN	11	BLANK	15	YELLOW/GREEN
4	BLANK	8	BLANK	12	BLANK	16	BLANK

OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS		MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	GREEN	2.5	6.3		mc	$I_F = 10 \text{ mA}$
	YELLOW	2.5	4.3			
FORWARD VOLTAGE	GREEN		2.1	2.8	V	$I_F = 20 \text{ mA}$
	YELLOW		2.1	2.8		
REVERSE CURRENT	GREEN			100	μA	$V_R = 5 \text{ V}$
	YELLOW			100		
PEAK WAVELENGTH	GREEN		565		nm	
	YELLOW		585			
VIEWING ANGLE	ALL		80		Degree	
	GREEN		35			
CAPACITANCE	YELLOW		15		pF	$V_F = 0, f = 1 \text{ MHz}$

ABSOLUTE MAXIMUM RATING AT 25 °C AMBIENT			
	GREEN	YELLOW	UNITS
POWER DISSIPATION	100	60	mW
DERATE LINEARLY FROM 80 °C	0.4	0.25	mW/°C
CONTINUOUS FORWARD CURRENT	30	20	mA
PEAK FORWARD CURRENT 1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH	120	80	mA
LEAD SOLDERING TEMPERATURE, 5 SEC. 1/16" FROM BODY	260		°C
OPERATING TEMPERATURE	-55 TO 100		°C
STORAGE TEMPERATURE	-55 TO 100		°C



NOTES:

- 3-COM PART NUMBER: 7320-455-027
- LEADS TO FIT INTO HOLES SPACED AS PER HOLE PATTERN
- LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT
- PIN NUMBERS ARE FOR REFERENCE ONLY AND DO NOT APPEAR ON PART
- PACKAGING :
BLOCKS ARE PLACED IN CLEAR ANTISTATIC TRAY
80 BLOCKS/TRAY : 5 TRAYS/BOX : 400 BLOCKS/BOX
- LED LEAD THICKNESS :
.018 X .016 : ALL LEADS
- DIALIGHT PART NUMBER : 568-0016-815

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SCALE: 1.000	DRAWING NUMBER	REV	
ALL DIM'S IN INCHES (MM)	C-16931	B	
UNLESS OTHERWISE SPECIFIED	TITLE	4X4 CBI ARRAY BLOCK	
FRACTIONS: 2/164	MATERIAL		
DECIMALS: 1.000, 0.001			
DECIMALS: 1.000, 0.001			
ANGLES: 90°			
FINISH:			
PCN 83330	SHEET	OF FAMILY TABLES	