

Excellent Integrated System Limited

Stocking Distributor

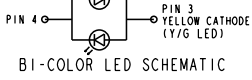
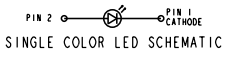
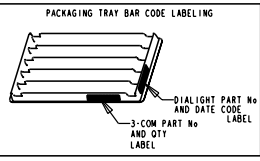
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Dialight](#)
[5680016812F](#)

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

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

LED COLOR			
ROW 1	ROW 2	ROW 3	ROW 4
** BLANK **	** BLANK **	YELLOW / GREEN	YELLOW

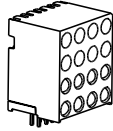
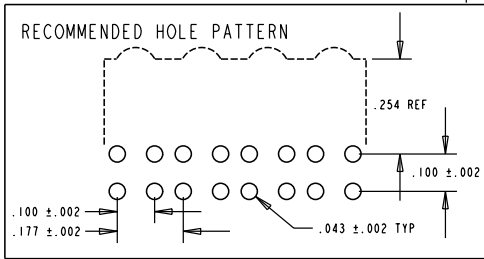
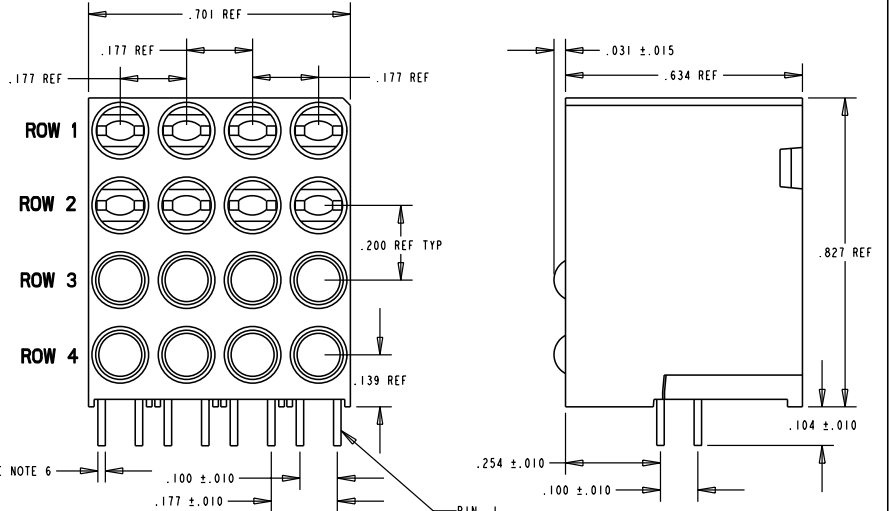


LED COLOR = YELLOW					
OPERATING CHARACTERISTICS AT 25°C AMBIENT					
CHARACTERISTICS	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	7.4	10.0		mcd	I _f = 10 mA
FORWARD VOLTAGE	2.1	2.8		V	I _f = 20 mA
REVERSE CURRENT	100			µA	V _r = 5 V
PEAK WAVELENGTH	585			nm	
VIEWING ANGLE	60			Degree	
CAPACITANCE	15			pf	V _f = 0, f = 1MHz

LED COLOR = YELLOW		UNITS
ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT		
POWER DISSIPATION		mW 60
DERATE LINEARLY FROM 50°C		mW/°C 0.25
CONTINUOUS FORWARD CURRENT		mA 20
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)		mA 80
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY		°C 260
OPERATING TEMPERATURE		°C -55 TO +100
STORAGE TEMPERATURE		°C -55 TO +100

LED COLOR = YELLOW / GREEN					
OPERATING CHARACTERISTICS AT 25°C AMBIENT					
CHARACTERISTICS	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	GREEN YELLOW	2-5 2.5	6-3 4.3	mcd	I _f = 10 mA
FORWARD VOLTAGE	GREEN YELLOW	2.1 2.1	2.8 2.8	V	I _f = 20 mA
PEAK WAVELENGTH	GREEN YELLOW	565 585		nm	
VIEWING ANGLE		80		Degree	
CAPACITANCE	GREEN YELLOW	35 15		pf	V _f = 0, f = 1MHz

LED COLOR = YELLOW / GREEN			UNITS	GREEN/YELLOW
ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT				
POWER DISSIPATION			mW	100/60
DERATE LINEARLY FROM 50°C			mW/°C	0.4/0.25
CONTINUOUS FORWARD CURRENT			mA	30/20
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)			mA	120/80
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY			°C	260
OPERATING TEMPERATURE			°C	-55 TO +100
STORAGE TEMPERATURE			°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
- PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART
- LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT
- PACKAGING = BLOCKS ARE PLACED IN CLEAR ANTISTATIC TRAY 80 BLOCKS PER TRAY
- DIALIGHT PART NUMBER: 568-0016-812

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SCALE 4:1		DRAWING NUMBER	REV
ALL DIMS IN INCHES		C-16688	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED		TITLE 4X4 CBI ARRAY BLOCK	
FRACTIONS: ±1/64		MATERIAL	
DECIMALS (.XX): ±.020		Dialight	
DECIMALS (.XXX): ±.015		1913 ATLANTIC AVE.	
DECIMALS (.XXXX): ±.010		MANASQUAN, N.J. 08736	
ANGLES: ±3°		FINISH:	
FSCM 83330		SHEET OF FAMILY TABLE:	