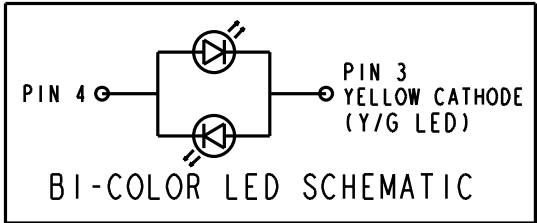
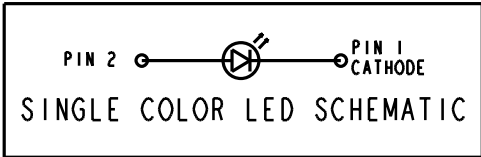
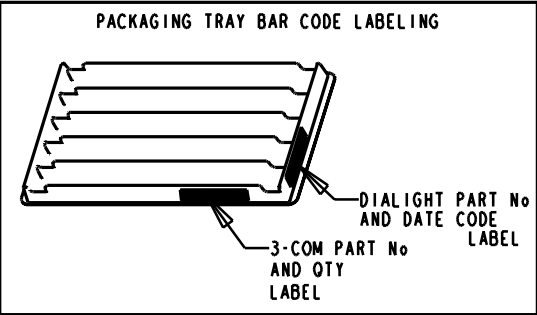


LED COLOR			
ROW 1 *	ROW 2	ROW 3	ROW 4
** BLANK **	** BLANK **	YELLOW / GREEN	YELLOW

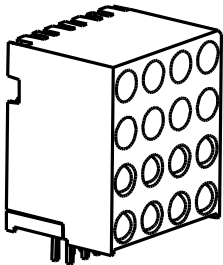
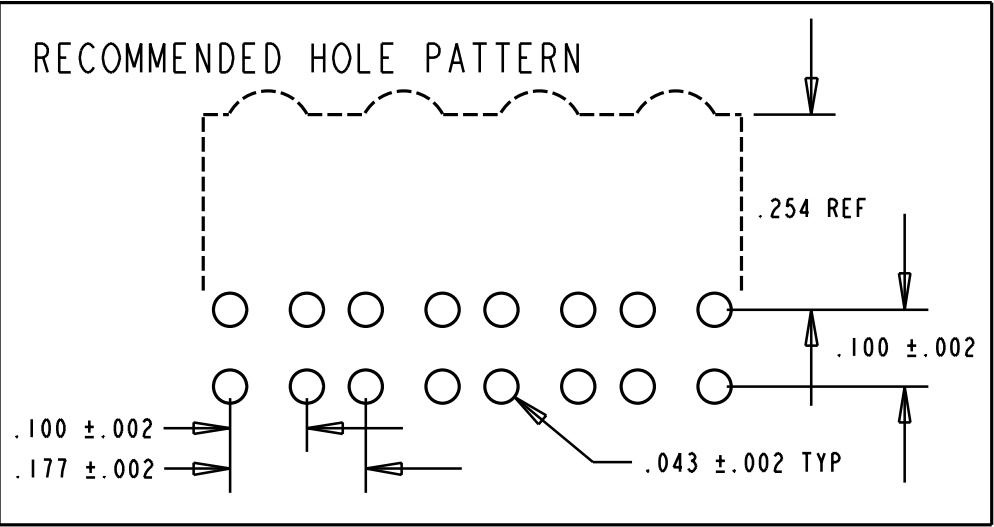
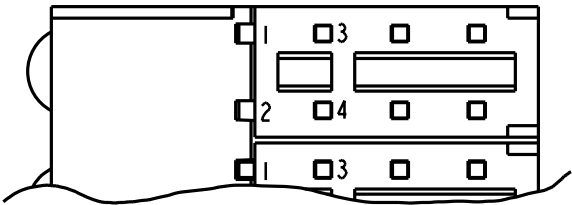
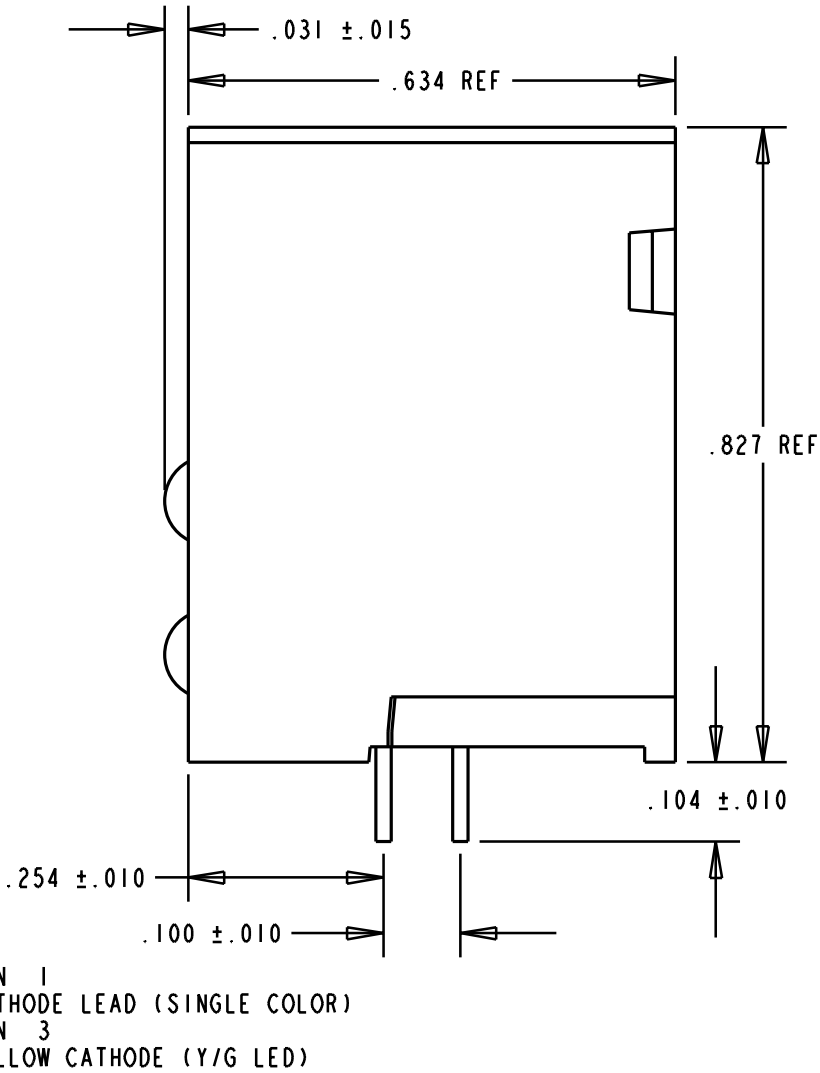
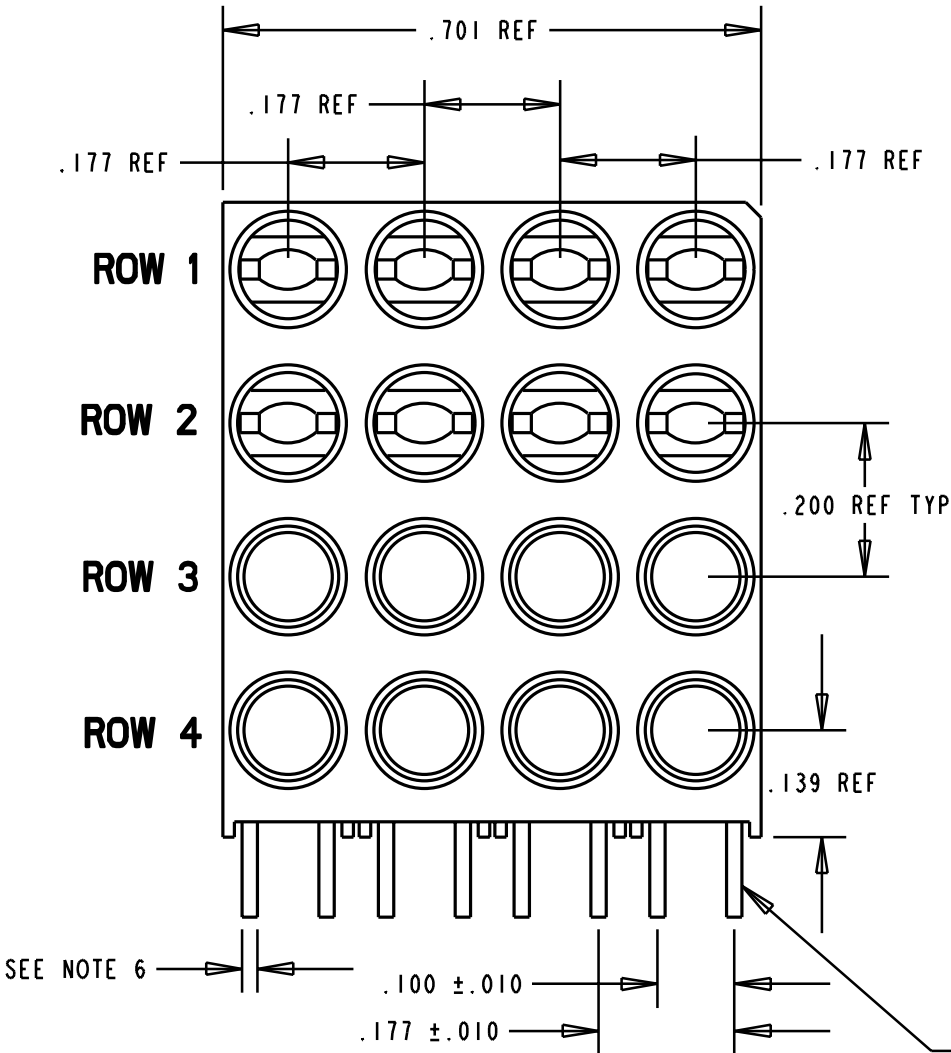


LED COLOR = YELLOW					
OPERATING CHARACTERISTICS AT 25°C AMBIENT					
CHARACTERISTICS	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	7.4	10.0		mcd	I f = 10 mA
FORWARD VOLTAGE		2.1	2.8	V	I f = 20 mA
REVERSE CURRENT		100		µA	V R = 5 V
PEAK WAVELENGTH		585		nm	
VIEWING ANGLE		60		Degree	
CAPACITANCE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

LED COLOR = YELLOW		
ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT		
	UNITS	
POWER DISSIPATION	mW	60
DERATE LINEARLY FROM 50°C	mA/°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 r=0, f=1MHz

LED COLOR = YELLOW / GREEN		
ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT		
	UNITS	GREEN/YELLOW
POWER DISSIPATION	mW	100/60
DERATE LINEARLY FROM 50°C	mA/°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:

- 1- LEADS TO FIT INTO HOLES SPACED AS PER HOLE PATTERN
- 2- LEADS TO BE FREE OF DEFORMATION AFTER BENDING AND CUTTING
- 3- PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART
- 4- LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT
- 5- PACKAGING =
BLOCKS ARE PLACED IN CLEAR ANTISTATIC TRAY
80 BLOCKS PER TRAY
- 6- DIALIGHT PART NUMBER: 568-0016-812

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

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SCALE 4:1	DRAWING NUMBER	REV
ALL DIM'S 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):	MANASQUAN, N.J. 08736	
ANGLES: ±3°	SHEET OF FAMILY TABLE:	
FINISH:	FSCM 83330	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Dialight:

[568-0016-812F](#)