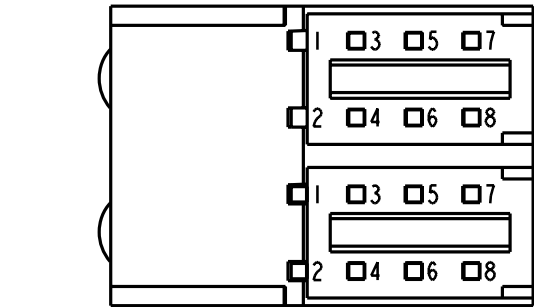
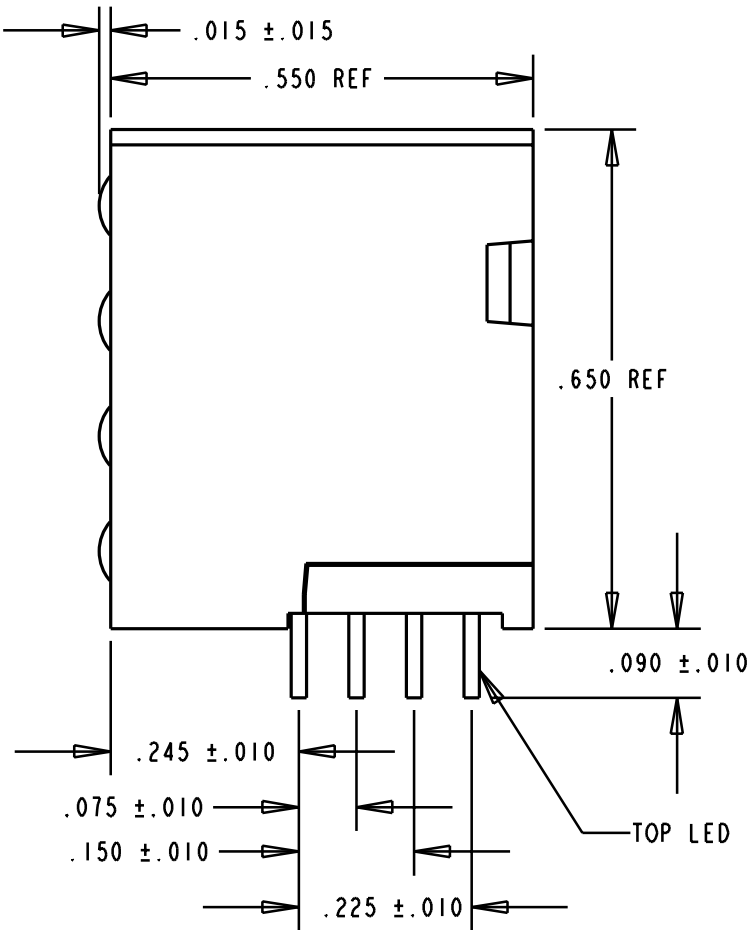
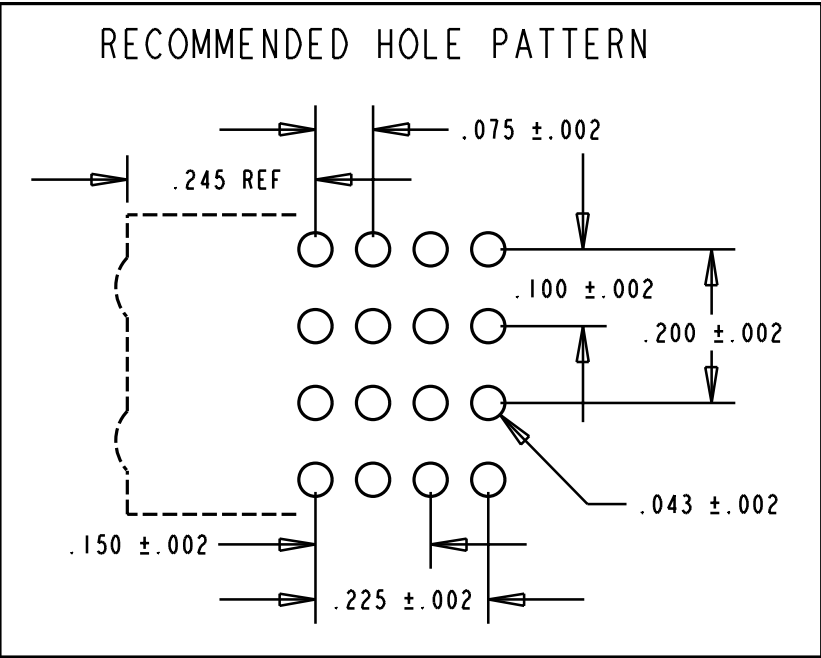
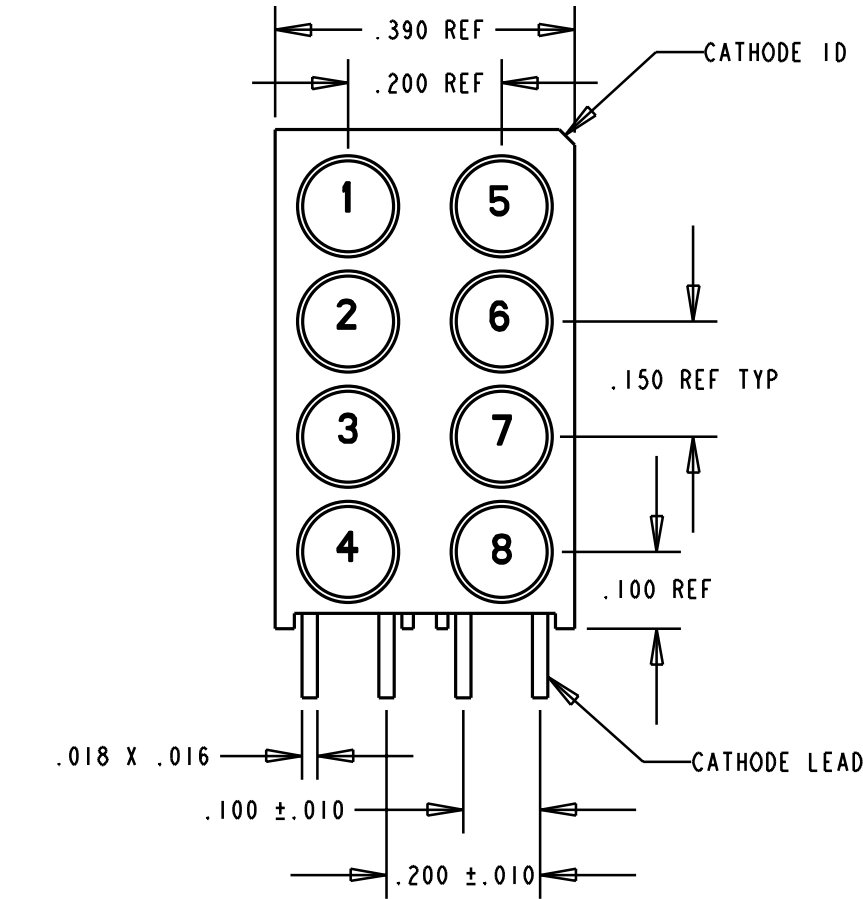
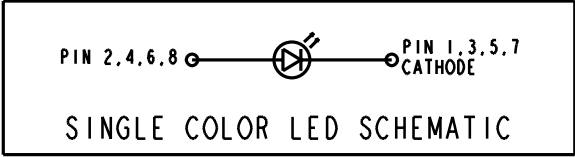


LED COLOR			
POS. 1	GREEN	POS. 5	RED
POS. 2	GREEN	POS. 6	YELLOW
POS. 3	YELLOW	POS. 7	YELLOW
POS. 4	GREEN	POS. 8	YELLOW



ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT				
	UNITS	RED	GREEN	YELLOW
POWER DISSIPATION	mW	100	100	60
DERATE LINEARLY FROM 50°C	mA/°C	0.4	0.4	0.25
CONTINUOUS FORWARD CURRENT	mA	30	30	20
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	mA	120	120	80
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY	°C	260	260	260
OPERATING TEMPERATURE	°C	-55 TO +100	-55 TO +100	-55 TO +100
STORAGE TEMPERATURE	°C	-55 TO +100	-55 TO +100	-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
100 BLOCKS PER TRAY
- 6- DIALIGHT PART NUMBER: 568-0008-806

OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS	LED COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	RED	8.7	29		mcd	I F = 10 mA
	GREEN	32	50			
	YELLOW	10		50		
FORWARD VOLTAGE	RED		2.0	2.8	V	I F = 20 mA
	GREEN		2.1	2.8		
	YELLOW		2.1	2.8		
REVERSE CURRENT	ALL		100		μA	V R = 5 V
PEAK WAVELENGTH	RED		635		nm	
	GREEN		565			
	YELLOW		585			
VIEWING ANGLE	ALL	45			Degree	
CAPACITANCE	RED		20		pF	V r=0, f=1MHz
	GREEN		35			
	YELLOW		15			

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SCALE 4:1	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES	C-16680	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE 4X2 CBI ARRAY BLOCK	
FRACTIONS: ±1/64	MATERIAL	
DECIMALS (.XX): ±.020	Dialight	
DECIMALS (.XXX): ±.015	1913 ATLANTIC AVE.	
DECIMALS (.XXXX): ±.005	MANASQUAN, N.J. 08736	
ANGLES: ±1°	SHEET OF FAMILY TABLE:	
FINISH:	FSCM 83330	

Mouser Electronics

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Dialight:

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