

PART NUMBER and LEGEND	LED COLOR			
	POSITION 1	POSITION 2	POSITION 3	POSITION 4
568-0701-819F	RED / GREEN	RED / GREEN	RED / GREEN	RED / GREEN

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	TWC	MES	N.O.	4-26-05
B	—	REVISED POLARITY, RED CATHODE RIGHT SIDE WAS GREEN CATHODE; UPDATED RoHS COMPLIANT NOTE; CORRECTED TITLE	TWC			

NOTES:

- 1- LEADS TO FIT INTO HOLES SPACED AS PER HOLE PATTERN
2- LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT.
3- PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PARTS.
4- DIALIGHT PART NUMBER: 568-0701-819F
5. PACKAGE PARTS IN ANTI-STATIC TUBES. 100 PC'S PER TUBE WITH 2 END PLUGS. APPLY LABEL WITH DIALIGHT P/N, DATE CODE, QTY/TUBE.
6. THIS PRODUCT IS Pb FREE. IT IS IN COMPLIANCE WITH THE EUROPEAN UNION'S ROHS DIRECTIVE. EACH PACKAGING TUBE IS MARKED WITH THE Pb FREE LABEL P/N 9100-117-0797-99, OR EQUIVALENT RoHS COMPLIANT MARKING.



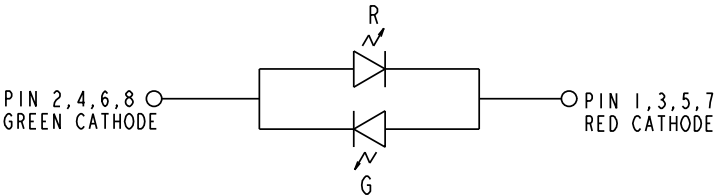
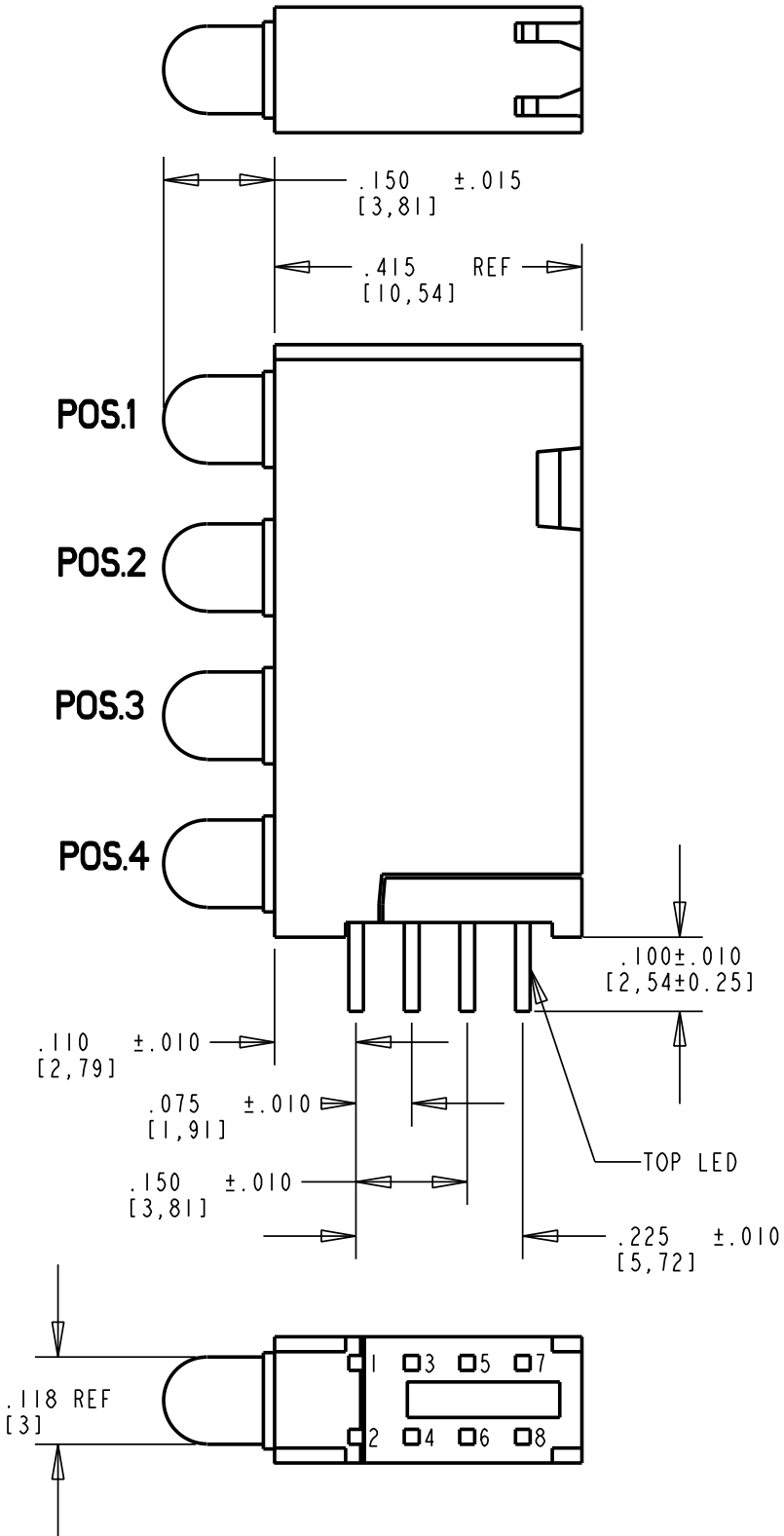
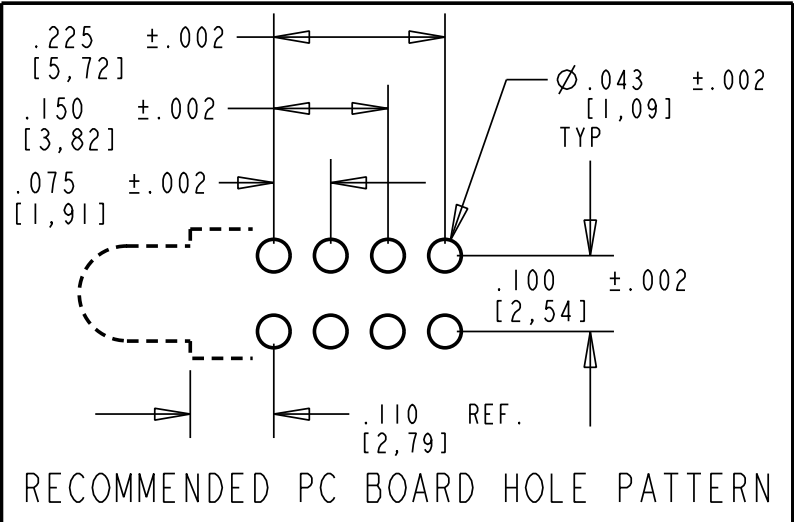
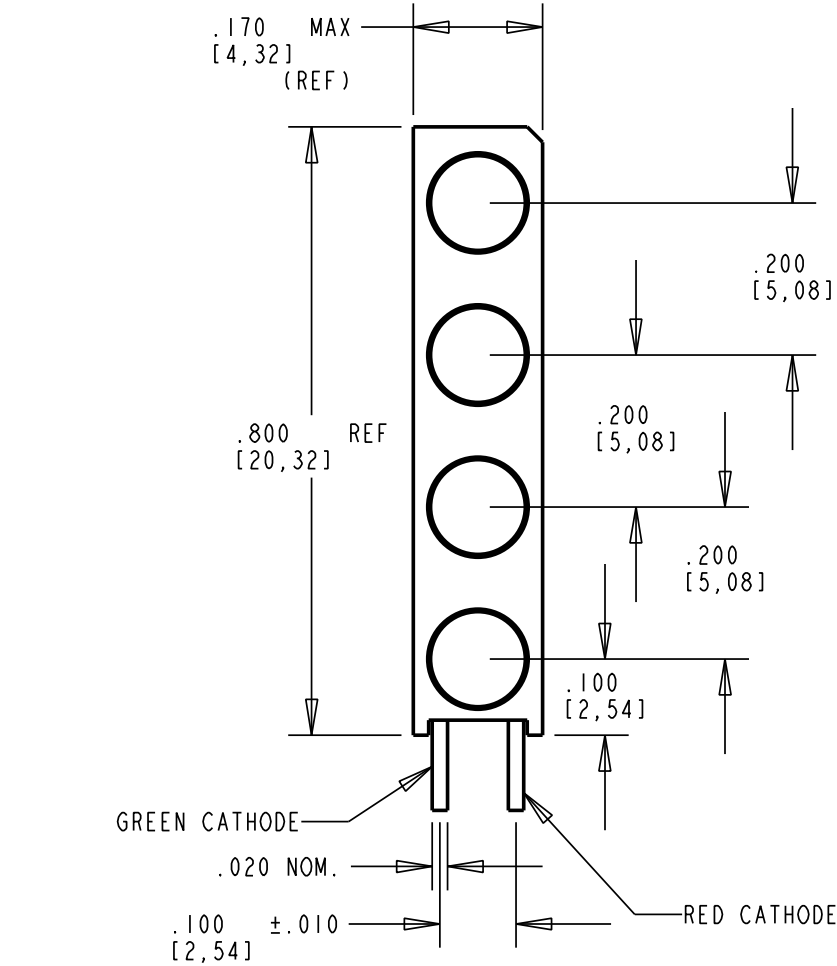
LED COLOR = GRN/RED BI-COLOR						
OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	GREEN	3.7	10.0		mcd	I _F = 10 mA
	RED	2.5	4.7			
FORWARD VOLTAGE	GREEN		2.1	2.8	V	I _F = 20 mA
	RED		2.0			
PEAK WAVELENGTH	GREEN		565		nm	
	RED		635			
VIEWING ANGLE	GREEN		60		DEGREES	
	RED					

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT

	GREEN	RED	UNITS
POWER DISSIPATION	100		mW
DERATE LINEARLY FROM 50 °C	0.4		mA / °C
CONTINUOUS FORWARD CURRENT	30		mA
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 10 ms PULSE WIDTH)	120		mA
LEAD SOLDERING TEMPERATURE, 6 SEC., 1/16" FROM BASE	260		°C
OPERATING TEMPERATURE	-55 TO +100		°C
STORAGE TEMPERATURE	-55 TO +100		°C

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SCALE: DRAWING SCALE ALL DIM'S IN: INCHES (MM)	DRAWING NUMBER C-17229	REV B
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°	TITLE CUSTOM 4X1 CBI BLOCK 4X R/G SPECIAL LEAD TRIM .100"	MATERIAL
FINISH:		1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727
FSCM 83330	SHEET 1 OF 1	FAMILY TABLE:



BI-COLOR LED SCHEMATIC