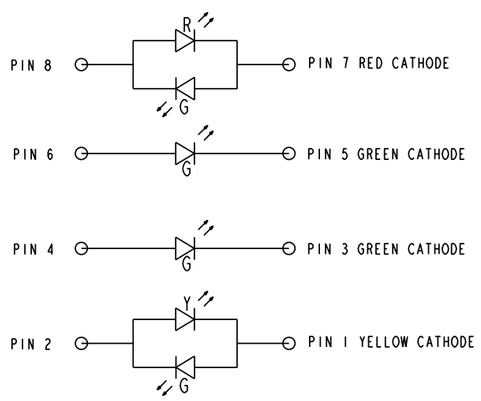
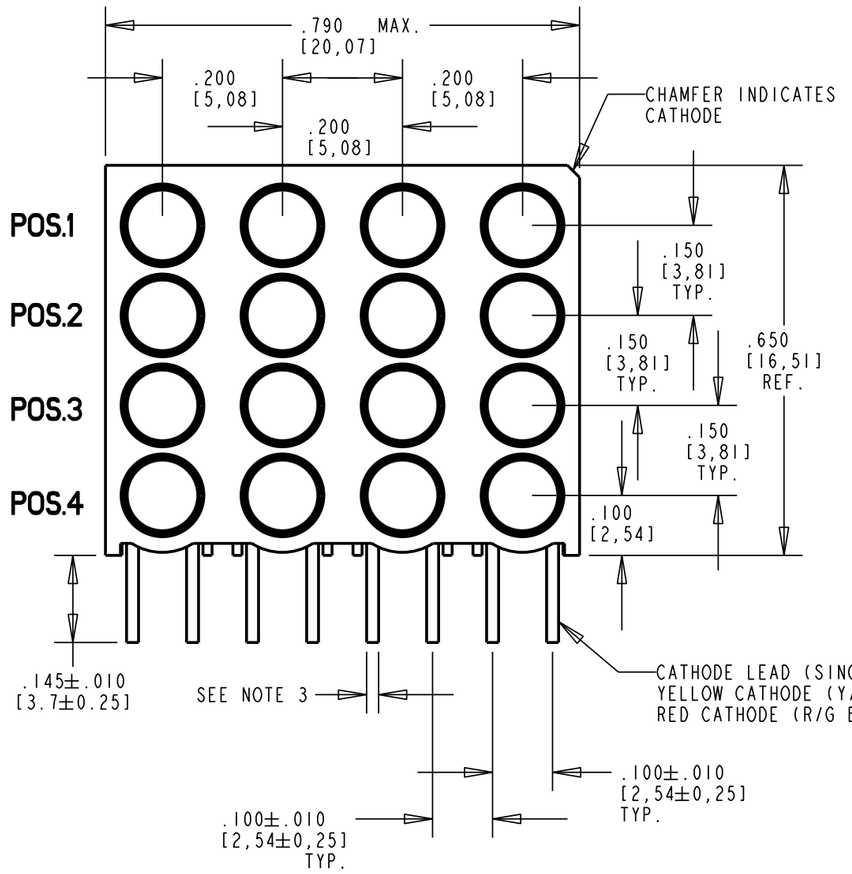
LED COLOR	
POS.1	RED / GREEN BI-COLOR
POS.2	GREEN
POS.3	GREEN
POS.4	YELLOW / GREEN BI-COLOR

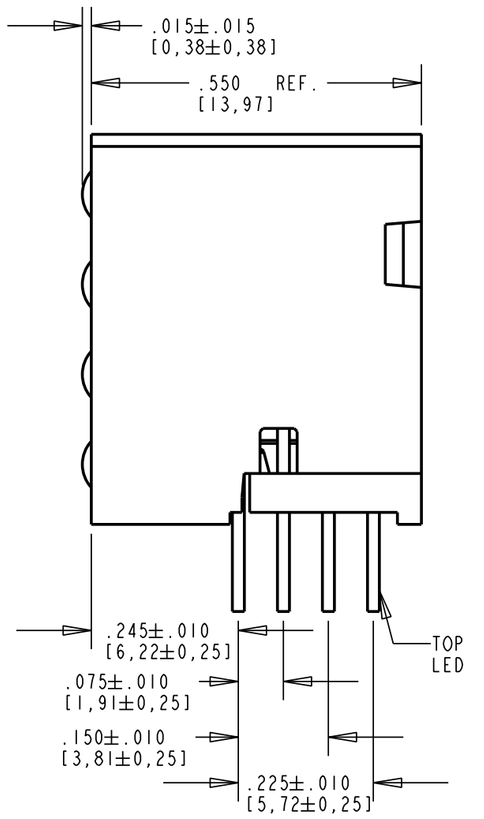
NOTES:
1- LEADS TO FIT INTO HOLES SPACED AS PER HOLE PATTERN
2- LEADS TO BE FREE OF DEFORMATION AFTER BENDING AND CUTTING
3- PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART
4- .020 SQ.NOM. (POS.1)
   .018 X .016 NOM. (POS.2, 3, 4)
5- PACKAGING =
   BLOCKS PLACED IN CLEAR ANTI-STATIC TRAY
   500 BLOCKS / BOX
6- DIALIGHT PART NUMBER = 568-0016-821F

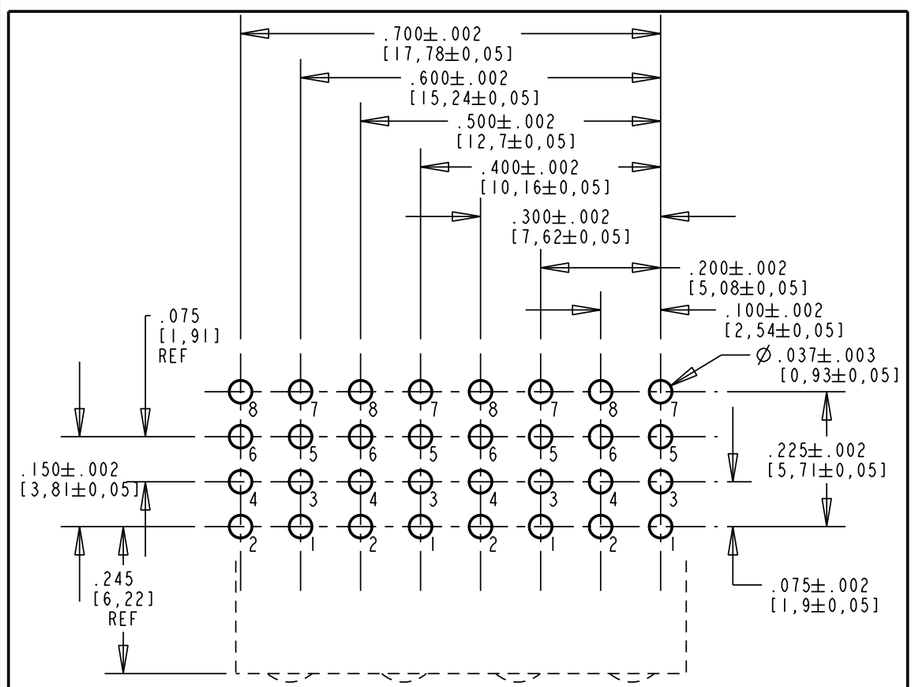
REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	———	NEW RELEASE	TWC	NO	MES	11-12-05
B	06060201	CORRECTED DIMENSIONS IN THE RECOMMENDED HOLE PATTERN TO MATCH ACTUAL LEAD PATTERN	SM			

LED SCHEMATICS (REF)

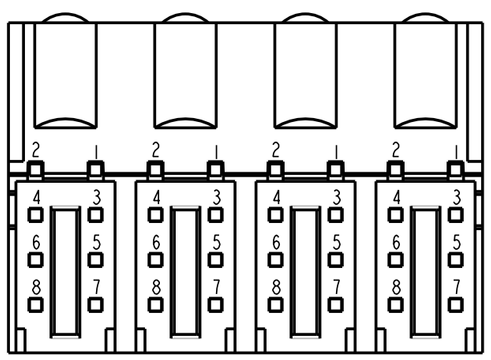








RECOMMENDED HOLE PATTERN



OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	GREEN	4.7	12.6		mcd	I_F = 10 mA
	RED/GREEN	2.5/3.7	4.7/10.0			
	YELLOW/GREEN	2.5	4.3/6.3			
FORWARD VOLTAGE	GREEN		2.1	2.8	V	I_F = 20 mA
	RED/GREEN		2.0/2.1	2.8		
	YELLOW/GREEN					
PEAK WAVELENGTH	GREEN		565		nm	
	RED/GREEN		635/565			
	YELLOW/GREEN		585/565			
VIEWING ANGLE (2 θ 1/2)	GREEN		60		Degree	
	RED/GREEN		60			
	YELLOW/GREEN		80			
REVERSE CURRENT	GREEN			100	mA	V_R = 5V
	RED/GREEN					
	YELLOW/GREEN					

ABSOLUTE MAXIMUM RATING AT 25 °C AMBIENT	GREEN	RED/GRN	YEL/GRN	UNITS
POWER DISSIPATION	100	100	60/100	mW
DERATE LINEARLY FROM 50 °C	0.4	0.4	0.25/0.4	mA/°C
CONTINUOUS FORWARD CURRENT	30	30	20/30	mA
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	120	120	80/120	mA
REVERSE VOLTAGE	5	5		V
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY	260			°C
OPERATING TEMPERATURE	-55 TO +100			°C
STORAGE TEMPERATURE	-55 TO +100			°C

RoHS Compliant 568-0016-821F 4 X 4 Thru hole CBI

Part Numbers with the "F" suffix ending are RoHS Compliant.
Packaging is marked with "RoHS Compliant" label or equivalent markings.
Parts can be wave soldered, dip soldered or hand soldered using typical lead-free soldering process with max 260°C temp. for 5 sec.

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SCALE: 4.000
ALL DIM'S IN: INCHES (MM)
TOLERANCES: UNLESS OTHERWISE SPECIFIED
FRACTIONS: ±1/64
DECIMALS (.XX): ±.01
DECIMALS (.XXX): ±.005
DECIMALS (.XXXX): ±.0005
ANGLES: ±1°
FINISH:
FSCM 83330

DRAWING NUMBER C-17327
REV B
TITLE (4 X 4) CBI BLOCK RoHS COMPLIANT
MATERIAL

Dialight
1501 ROUTE 34 SOUTH
FARMINGDALE, NJ 07727

SHEET 1 OF 1
FAMILY TABLE: