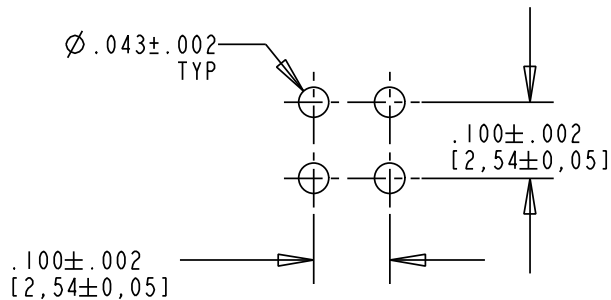
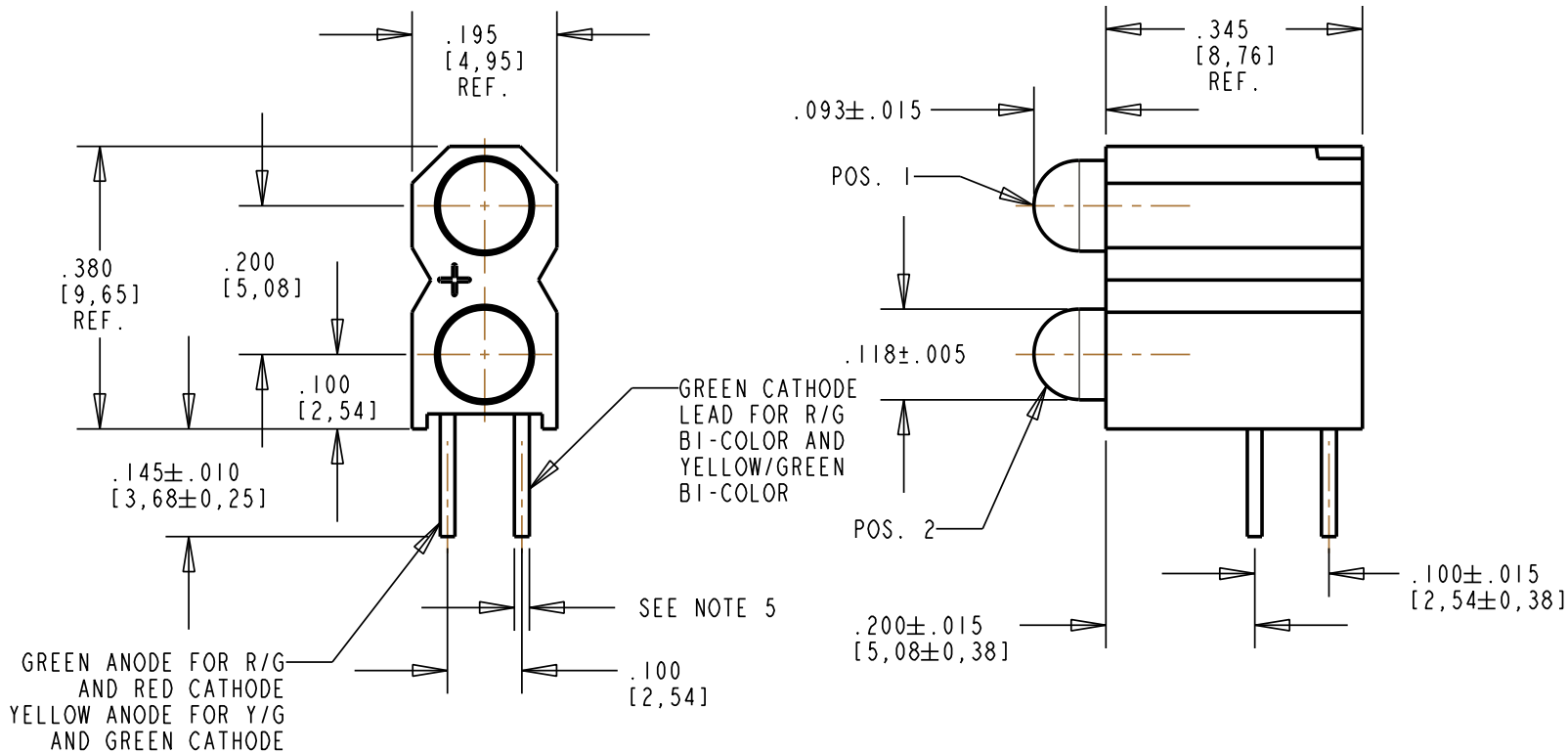


PART NUMBER	LED COLOR		REVISIONS			
	POSITION 1	POSITION 2	REV	ECN	DRN	DATE
553-0711-310F	RED/GREEN	RED/GREEN	A	—	TWC	4-22-05
553-0744-310F	YELLOW/GREEN	YELLOW/GREEN	A	—	TWC	4-22-05

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	TWC			



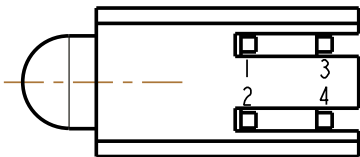
RECOMMENDED HOLE PATTERN GAUGE

NOTES:

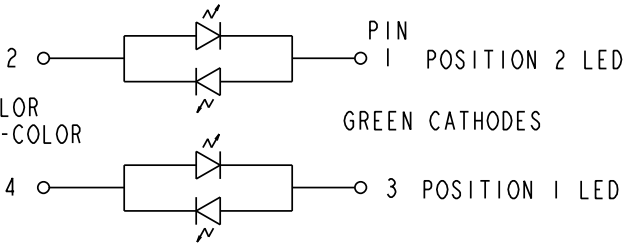
- 1- LEADS TO FIT INTO HOLES SPACED AS PER HOLE PATTERN.
- 2- LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT.
- 3- PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PARTS.
- 4- DIALIGHT PART NUMBER: 553-07XX-310F.
5. PACKAGE PARTS IN ANTI-STATIC BAGS. 50 PC'S PER BAG. APPLY LABEL WITH DIALIGHT P/N, DATE CODE, QTY/BAG.
6. THIS PRODUCT IS Pb FREE. IT IS IN COMPLIANCE WITH THE EUROPEAN UNION'S. ROHS DIRECTIVE. EACH BAG IS MARKED WITH THE Pb FREE LABEL P/N 9100-117-0797-99, OR EQUIVALENT.



LEAD FREE



RED CATHODES FOR R/G BI-COLOR
YELLOW CATHODES FOR Y/G BI-COLOR



LED SCHEMATIC REF.

LED COLOR = GRN/YEL BI-COLOR			LED COLOR = RED/GRN BI-COLOR					
OPERATING CHARACTERISTICS AT 25°C AMBIENT								
CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS		
LUMINOUS INTENSITY	GREEN	2.5	6.3		mcd	I _F = 10 mA		
	YELLOW	2.5	4.3					
	RED	2.5	4.7					
	GREEN	3.7	10.0					
FORWARD VOLTAGE	GREEN		2.1	2.8	V	I _F = 20 mA		
	YELLOW		2.1	2.8				
	RED		2.0	2.8				
	GREEN		2.1	2.8				
PEAK WAVELENGTH	GREEN		565		nm		I _F = 20 mA	
	YELLOW		585					
	RED		635					
	GREEN		565					
VIEWING ANGLE	GREEN		80		DEGREES			I _F = 20 mA
	YELLOW							
	RED	60						
	GREEN							

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT

	GREEN	RED	YELLOW	UNITS
POWER DISSIPATION	100	100	60	mW
DERATE LINEARLY FROM 50 °C	0.4	0.4	0.25	mA / °C
CONTINUOUS FORWARD CURRENT	30	30	20	mA
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 10 ms PULSE WIDTH)	120	120		mA
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	120		80	mA
LEAD SOLDERING TEMPERATURE, 6 SEC., 1/16" FROM BASE	260	260		°C
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BASE	260		260	°C
OPERATING TEMPERATURE	-55 TO +100			°C
STORAGE TEMPERATURE	-55 TO +100			°C

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SCALE: 4.000 ALL DIM'S IN: INCHES (MM)	DRAWING NUMBER C-17228	REV A
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°	TITLE 3mm BI-LEVEL LED CBI	
FINISH:	MATERIAL	
FSCM 83330	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
SHEET 1 OF 1 FAMILY TABLE:		

Mouser Electronics

Authorized Distributor

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

Dialight:

[553-0744-310F](#) [553-0711-310F](#)