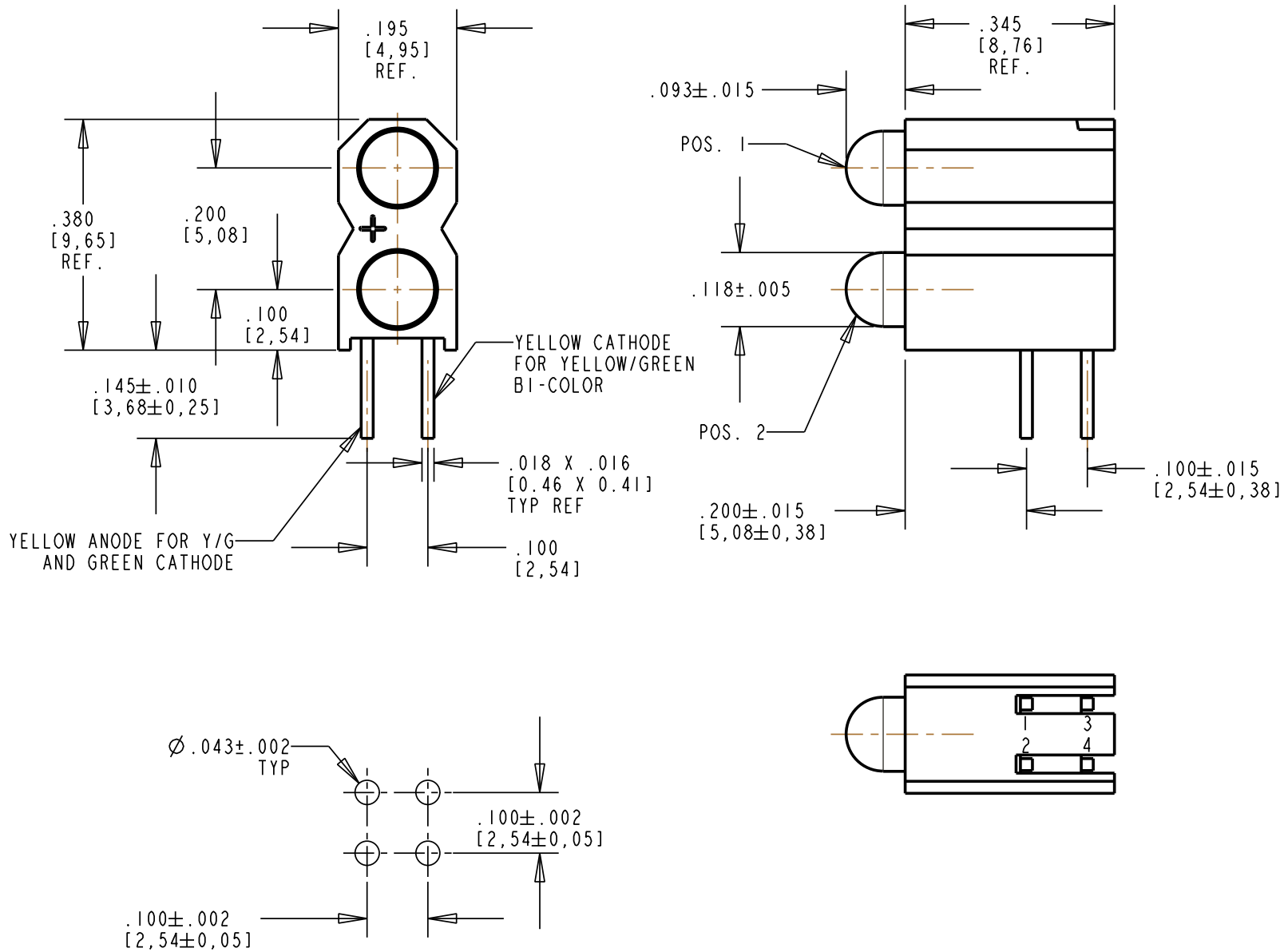


PART NUMBER	LED COLOR	
	POSITION 1	POSITION 2
553-0744-850F	YELLOW/GREEN	YELLOW/GREEN

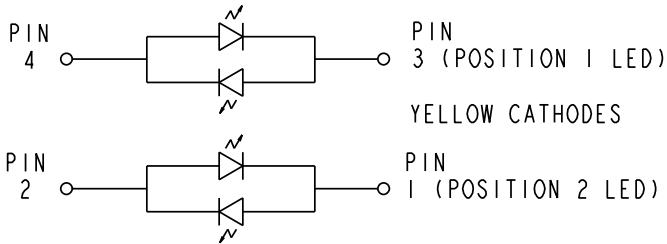
REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	TWC			



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: 553-0744-850F.
 5. PARTS PACKAGED IN TUBE, 88 PCS/TUBE WITH END PLUGS.
RoHS COMPLIANT LABEL WITH DIALIGHT P/N, DATE CODE, QTY/TUBE.

YELLOW ANODES AND
GREEN CATHODES



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			
FORWARD VOLTAGE	GREEN		2.1	2.8	V	I _F = 20 mA
	YELLOW		2.1	2.8		
PEAK WAVELENGTH	GREEN		565		nm	
	YELLOW		585			
VIEWING ANGLE	GREEN		80		DEGREES	
	YELLOW					

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT

	GREEN	YELLOW	UNITS
POWER DISSIPATION	100	60	mW
DERATE LINEARLY FROM 50 °C	0.4	0.25	mA / °C
CONTINUOUS FORWARD CURRENT	30	20	mA
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 10 ms PULSE WIDTH)	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		°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

RoHS Compliant 553-0744-850F Thru hole CBI

Part Numbers with the "F" suffix ending are RoHS Compliant.
Example: 553-0744-850F
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	DRAWING NUMBER C-17329	REV A
ALL DIM'S IN: INCHES (MM)		
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE 3mm BI-LEVEL LED CBI	
FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°		
FINISH:	MATERIAL	
FSCM 83330		
		1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727
SHEET 1 OF 1 FAMILY TABLE:		

Dialight
1501 ROUTE 34 SOUTH
FARMINGDALE, NJ 07727