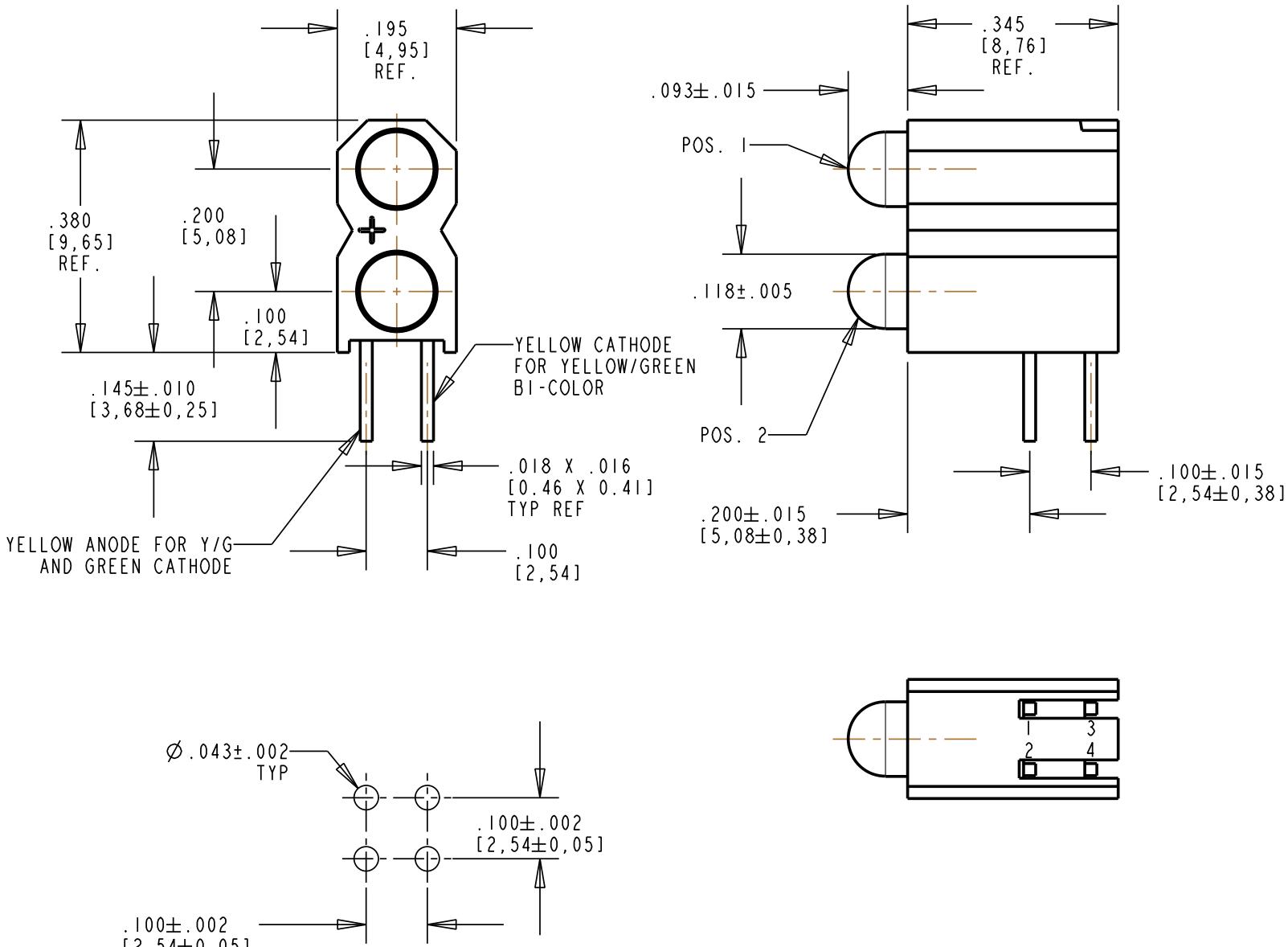


PART NUMBER	LED COLOR		REV	ECN NO	REVISIONS		DRN	CKD	APP	DATE
	POSITION 1	POSITION 2			—	—				
553-0744-850F	YELLOW/GREEN	YELLOW/GREEN	A	—	NEW RELEASE	TWC				



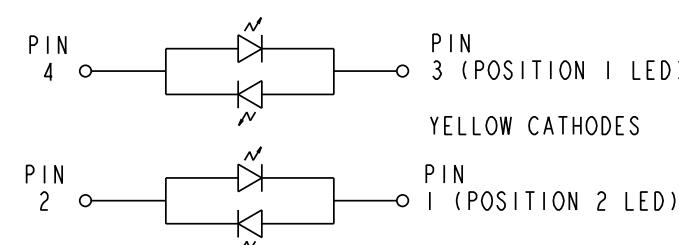
RECOMMENDED HOLE PATTERN GAUGE

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 SCHEMATIC REF.
FOR Y/G BI-COLOR LEDS

LED COLOR = GRN/YEL BI-COLOR			LED COLOR = RED/GRN BI-COLOR		
OPERATING CHARACTERISTICS AT 25°C AMBIENT					
CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS
LUMINOUS INTENSITY	GREEN	2.5	6.3		mcd
	YELLOW	2.5	4.3		
FORWARD VOLTAGE	GREEN		2.1	2.8	V
	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
100	60	mW
0.4	0.25	mA / °C
30	20	mA
120		mA
120	80	mA
260		°C
260	260	°C
-55 TO +100		°C
-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.

THIS DRAWING AND THE CONTENTS HEREIN ARE CONFIDENTIAL AND
THE SOLE PROPERTY OF DIALIGHT. REPRODUCTION OF THIS DRAWING
OR CONSTRUCTION OF ANY PARTS WITHIN THIS DRAWING ARE
FORBIDDEN WITHOUT THE WRITTEN CONSENT OF DIALIGHT.

SCALE: 4.000	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-17329	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED		
FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±°		
FINISH:		
FSCM 83330	Dialight	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:

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[553-0744-850F](#)