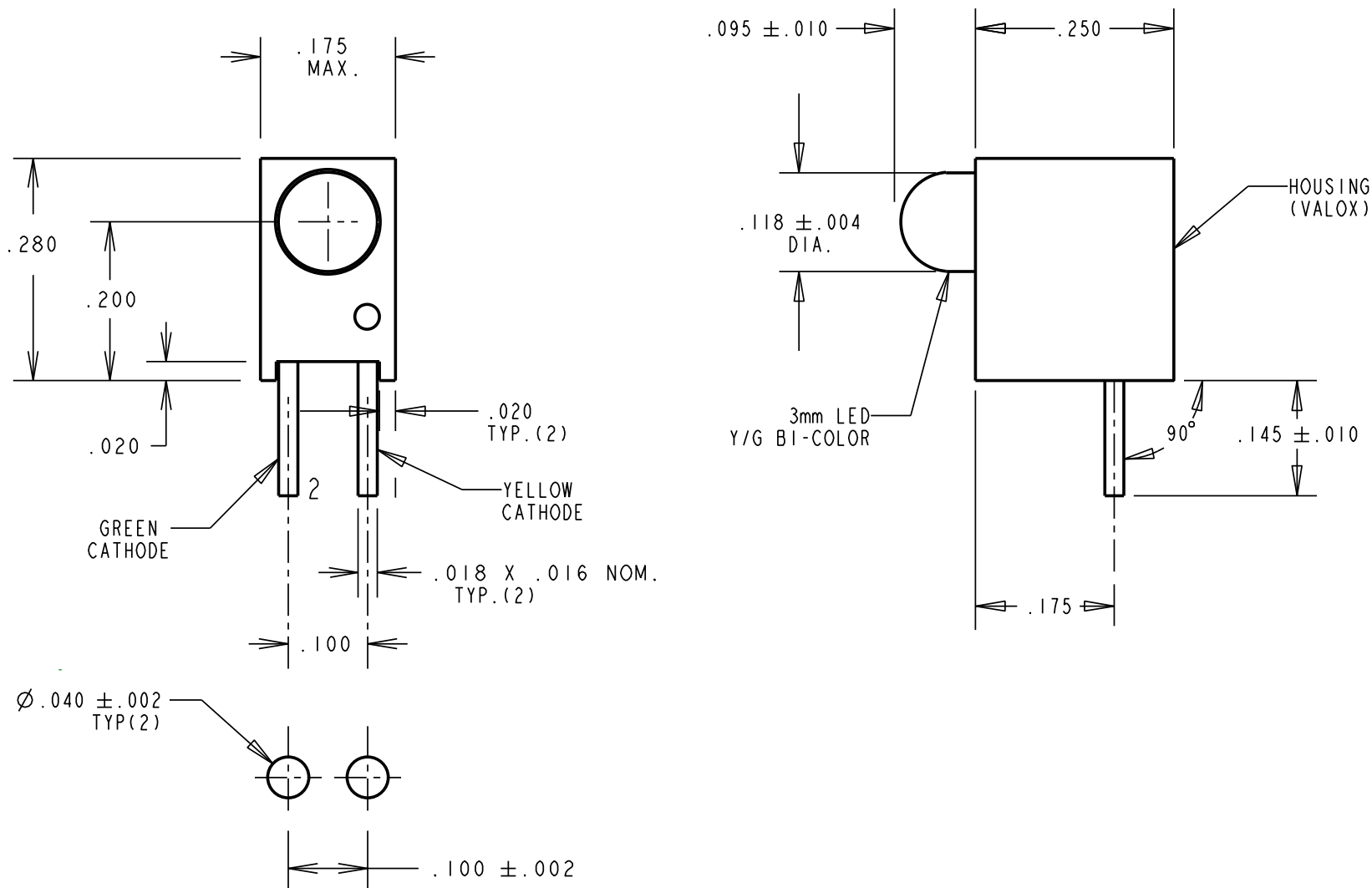


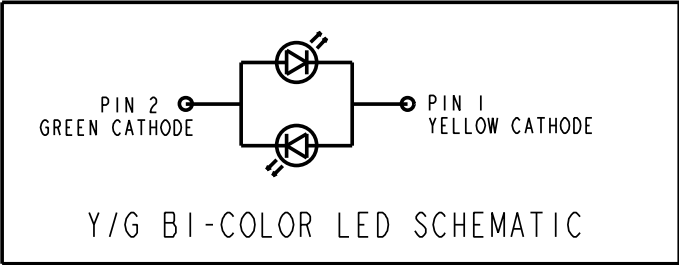
REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	TWC			



RECOMMENDED P.C.B.HOLE PATTERN

LED COLOR = YELLOW/GREEN BI-COLOR						
OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	YELLOW	2.5	4.3		mcd	I <sub>F</sub> = 10 mA
	GREEN	2.5	6.3			
FORWARD VOLTAGE	YELLOW		2.1	2.8	V	I <sub>F</sub> = 20 mA
	GREEN		2.1	2.8		
PEAK WAVELENGTH	YELLOW		585		nm	
	GREEN		565			
VIEWING ANGLE	ALL		80		Degree	

ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT	UNITS	YELLOW	GREEN
POWER DISSIPATION	mW	60	100
CONTINUOUS FORWARD CURRENT	mA	20	30
DERATE LINEARLY FROM 50°C	mA/°C	0.25	0.40
PEAK FORWARD CURRENT ( 1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	mA	80	120
LEAD SOLDERING TEMPERATURE, 6 SEC., 1/16" FROM BASE	°C	260	
OPERATING TEMPERATURE	°C	-55 TO 100	
STORAGE TEMPERATURE	°C	-55 TO 100	



NOTES:

- LEADS TO FIT INTO HOLE PATTERN SPACED AS SHOWN.
- LEAD FINISH IS TIN (Sn) PLATED OVER NICKEL (Ni) ON COPPER ALLOY (Cu).
- LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT.
- PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PARTS.
- DIALIGHT PART NUMBER: 551-3107F.
- THIS PRODUCT IS ROHS COMPLIANT. EACH BAG IS MARKED WITH THE ROHS COMPLIANT LABEL P/N 9100-117-0852-99 OR EQUIVALENT MARKINGS.PART 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: DRAWING SCALE ALL DIM'S IN: INCHES (MM)	DRAWING NUMBER C-17289	REV A
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°	TITLE 3mm LED CBI .200" HIGH CENTERLINE, RoHS COMPLIANT	
FINISH:	MATERIAL	
FSCM 83330	Dialight	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727
SHEET 11 OF 11 FAMILY TABLE:		