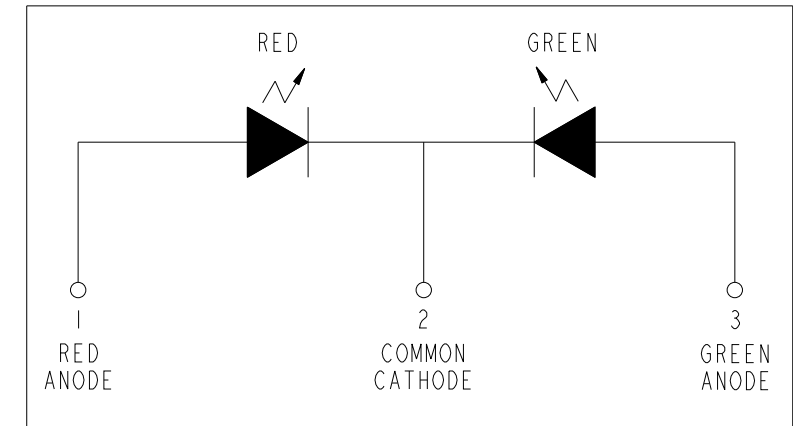
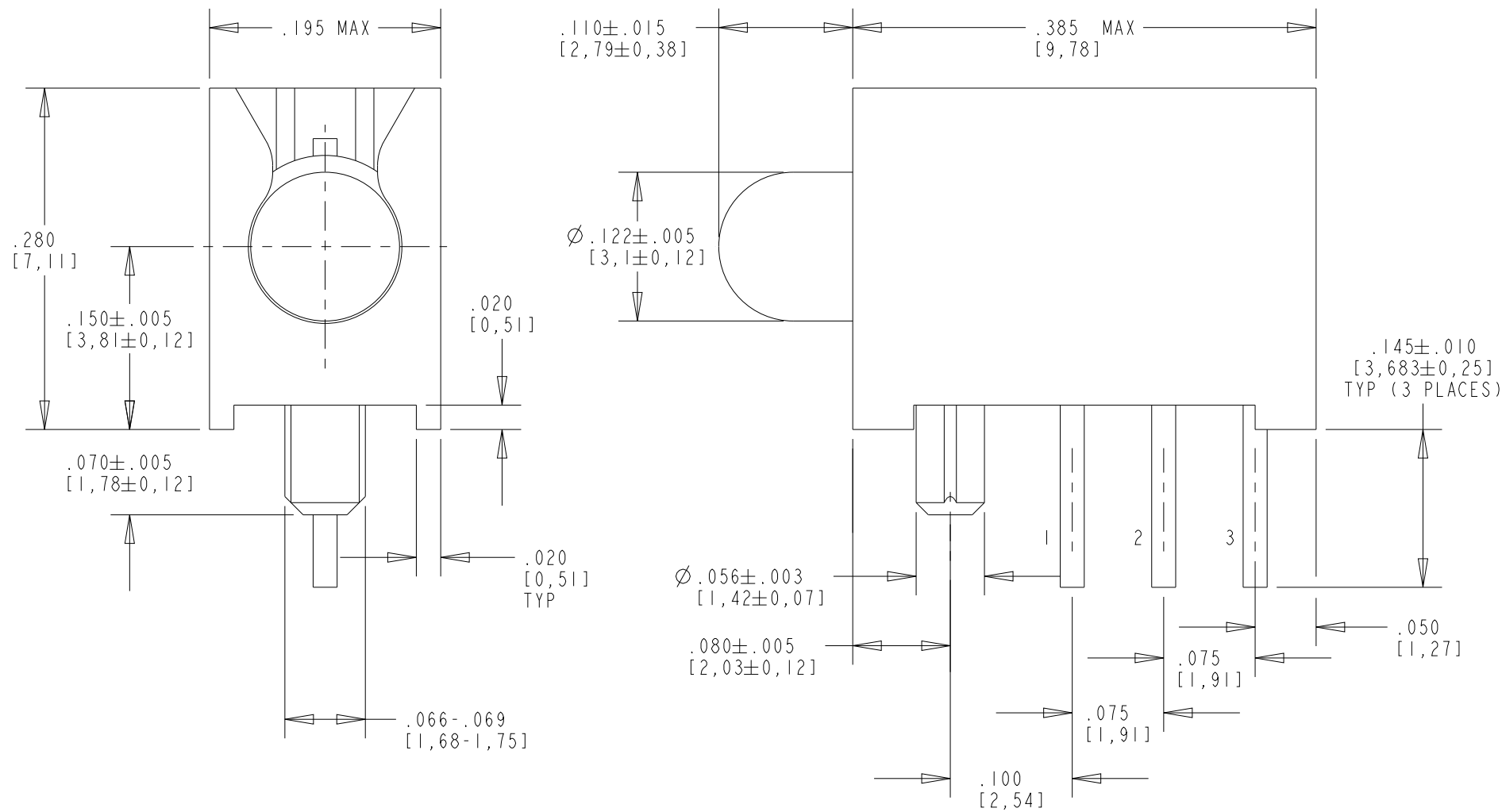


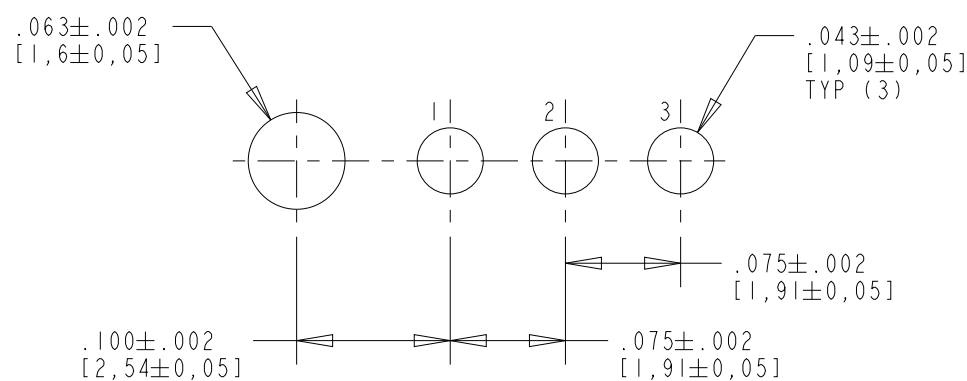
DIALIGHT PART NUMBER	COLOR
551-3508-803F	RED/GREEN

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A		NEW RELEASE	WFB	JTD	NO	9-12-12



OPERATING CHARACTERISTICS AT 25°C AMBIENT						
LED CHARACTERISTICS	COLOR	MIN.	TYP.	MAX.	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	RED	4	8		mcd	I <sub>F</sub> = 20 mA
	GREEN	6	12			
FORWARD VOLTAGE	RED		2.0	2.5	V	I <sub>F</sub> = 20 mA
	GREEN		2.1			
REVERSE CURRENT	RED			100	μA	V <sub>R</sub> = 4 V
	GREEN					
PEAK WAVELENGTH (λ <sub>p</sub> )	RED		630		nm	
	GREEN		560			
VIEWING ANGLE 2 θ 1/2	RED		59		DEG	I <sub>F</sub> = 20 mA
	GREEN		68			

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT	RED	GREEN	UNITS
POWER DISSIPATION	75		mW
FORWARD CURRENT	30		mA
PEAK FORWARD CURRENT	100		mA
LEAD SOLDERING TEMPERATURE FOR 5 SEC.	260		°C
OPERATING TEMPERATURE	-30 TO +85		°C
STORAGE TEMPERATURE	-30 TO +100		°C



NOTES:

- PRODUCT P/N WITH "F" SUFFIX ENDING IS RoHS COMPLIANT. DIALIGHT P/N 551-3508-803F LED LEADS ARE PLATED TIN (Sn), SILVER (Ag), COPPER (Cu).
- LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT.
- LEADS TO FIT INTO HOLES SPACED AS PER PATTERN.

RECOMMENDED PC BOARD HOLE PATTERN

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SCALE: DRAWING SCALE ALL DIM'S IN: INCHES (MM)	DRAWING NUMBER C-17974	REV A
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XX): ±.02 DECIMALS (.XXX): ±.010	TITLE 3mm BI-COLOR CBI 3 LEADED R/G	
ANGLES: ±3° FINISH:	MATERIAL	
FSCM 83330	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
	SHEET 1 OF 1	FAMILY TABLE: