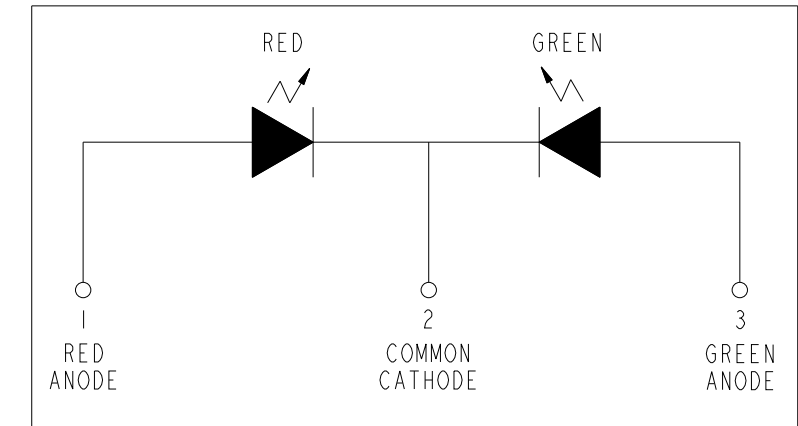
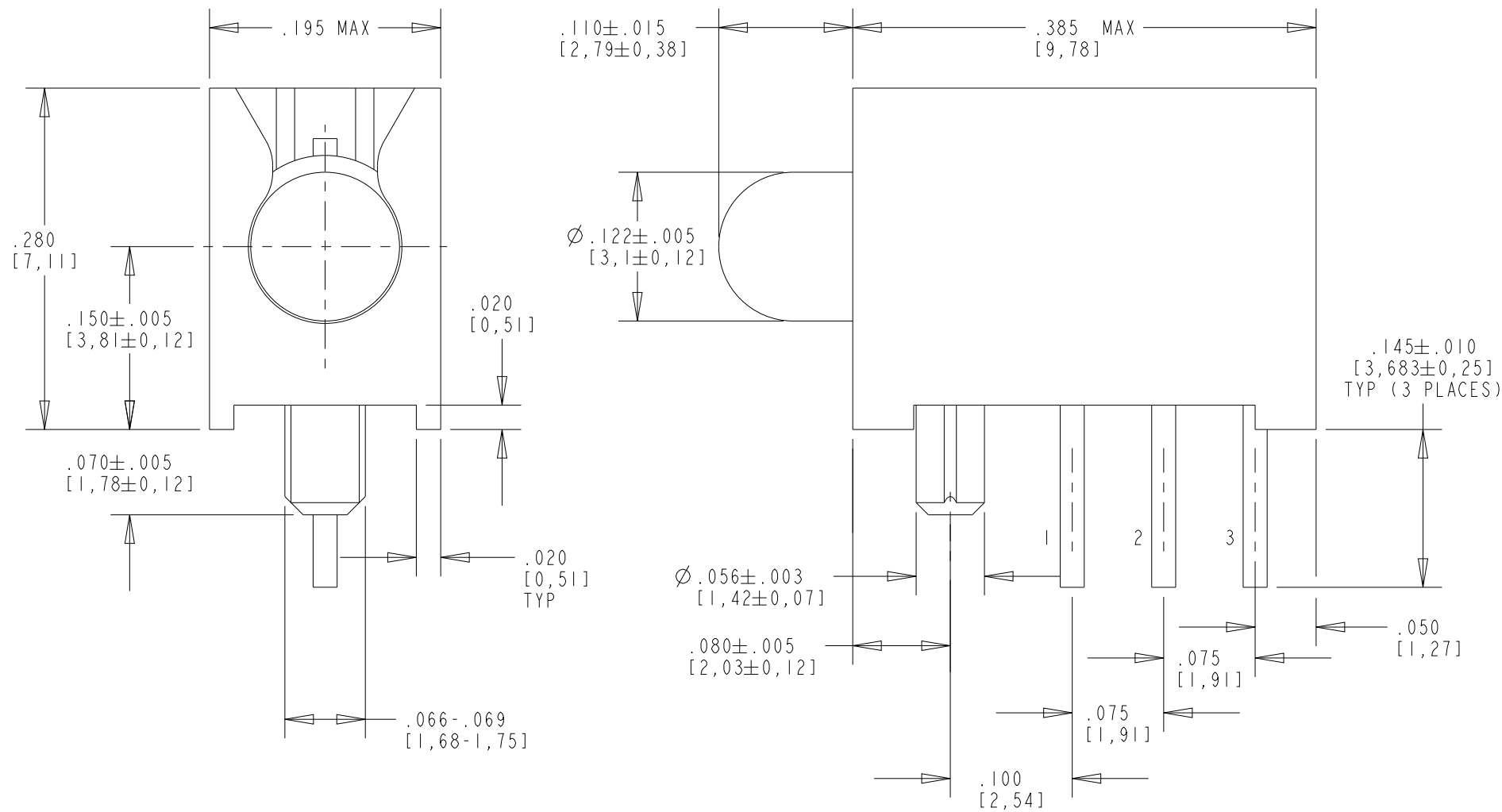


DIALIGHT PART NUMBER	COLOR
551-3508-803F	RED/GREEN

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

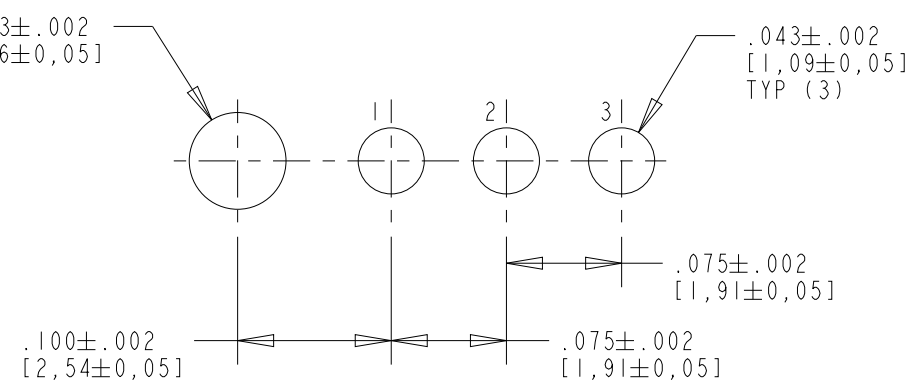


OPERATING CHARACTERISTICS AT 25°C AMBIENT						
LED CHARACTERISTICS	COLOR	MIN.	TYP.	MAX.	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	RED	4	8		mcd	I <sub>F</sub> = 20 mA
	GREEN	6	12			
FORWARD VOLTAGE	RED		2.0	2.5	V	I <sub>F</sub> = 20 mA
	GREEN		2.1			
REVERSE CURRENT	RED			100	μA	V <sub>R</sub> = 4 V
	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
POWER DISSIPATION	75	
FORWARD CURRENT	30	
PEAK FORWARD CURRENT	100	
LEAD SOLDERING TEMPERATURE FOR 5 SEC.	260	
OPERATING TEMPERATURE	-30 TO +85	
STORAGE TEMPERATURE	-30 TO +100	

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.



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