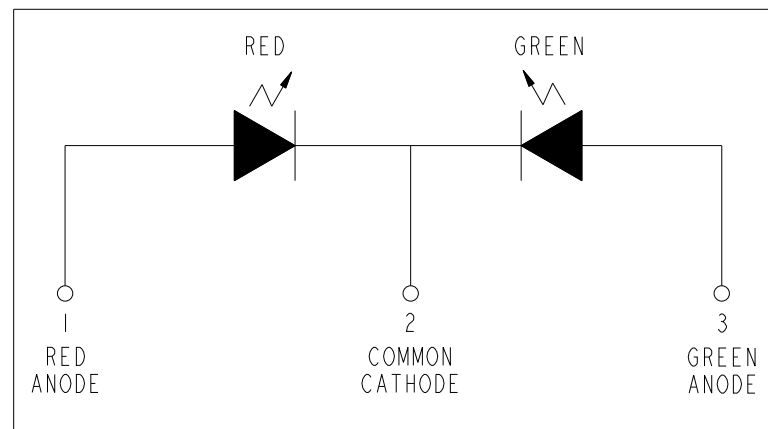
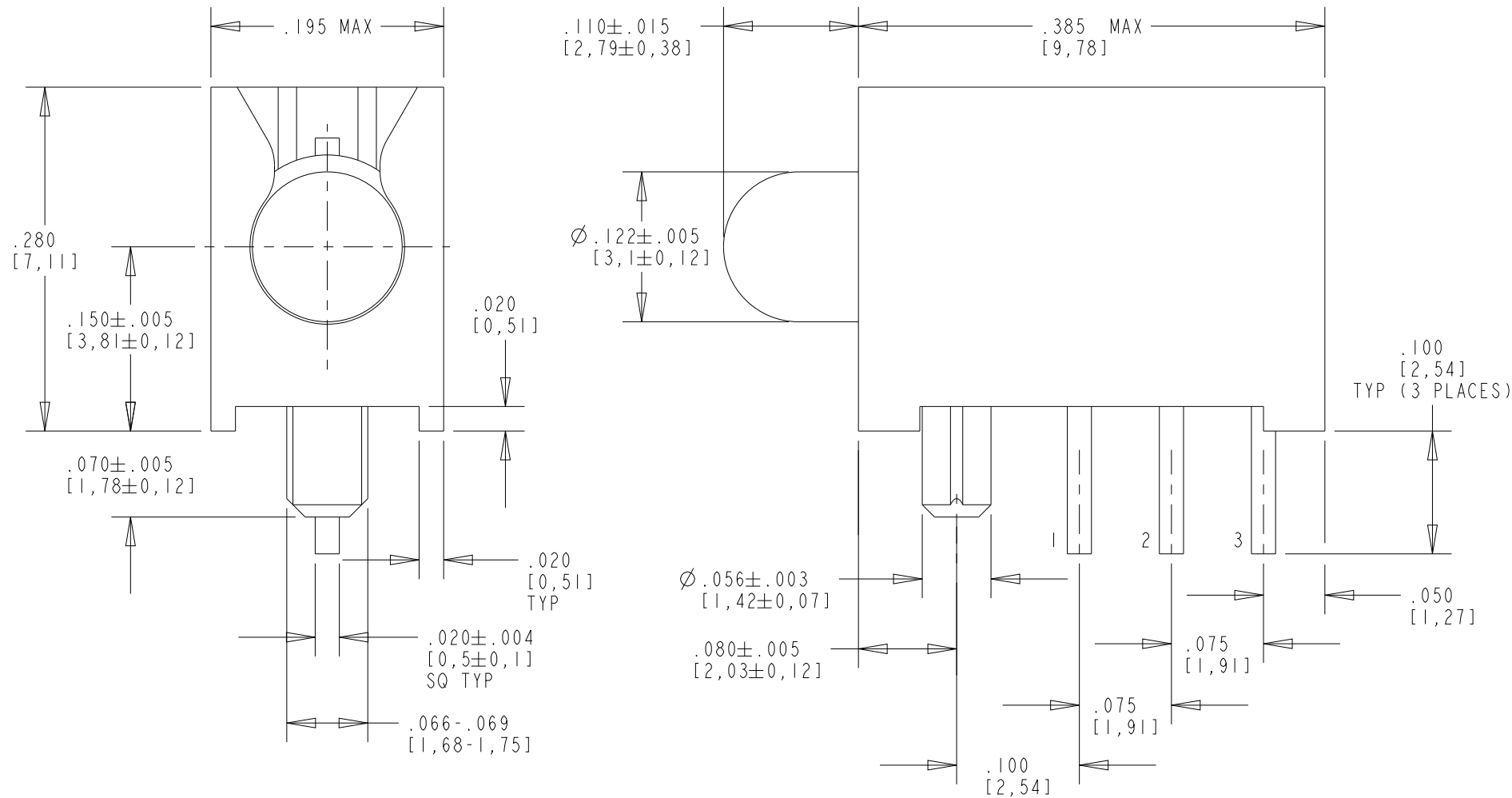


DIALIGHT PART NUMBER	COLOR
551-3508-801	RED/GREEN
551-3508-801F	RED/GREEN



REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	---	NEW RELEASE	MC	---	N.O.	8-22-95
B	---	ADDED P/N 551-3508-801F; UPDATED OPERATING CHARACTERISTICS, SCHEMATIC, FORMAT & NOTES; ADDED Ø.122, ABSOLUTE MAXIMUM RATINGS & FAMILY PART TABLE.	TWC	TC	AV	6-15-05
C	---	".385 MAX" WAS ".380 MAX"; ".110 ±.015" WAS ".106±.005"; UPDATED TOLERANCES, ADDED NOTES 2 AND 3.	KLJ	NO	AV	2-4-09
D	---	UPDATED LED SPECS	VP	JTD	NO	9-10-15

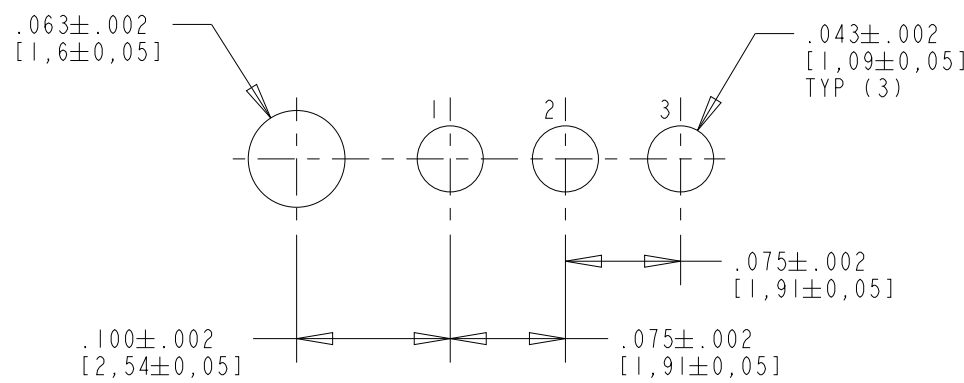


OPERATING CHARACTERISTICS AT 25°C AMBIENT						
LED CHARACTERISTICS	COLOR	MIN.	TYP.	MAX.	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	RED	4	8		mcd	I _F = 20 mA
	GREEN	6	12			
FORWARD VOLTAGE	RED		2.0	2.5	V	I _F = 20 mA
	GREEN		2.1			
REVERSE CURRENT	RED			100	μA	V _R = 4 V
	GREEN					
PEAK WAVELENGTH (λ _p)	RED		630		nm	
	GREEN		560			
VIEWING ANGLE 2θ _{1/2}	RED		59		DEG	I _F = 20 mA
	GREEN		68			
DOMINANT WAVELENGTH	RED		624		nm	
	GREEN		567			

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT	RED	GREEN	UNITS
POWER DISSIPATION	75		mW
AVERAGE FORWARD CURRENT	30		mA
PULSE FORWARD CURRENT (D<1/20, t < 1 ms)	90		mA
DERATING LINEAR FROM 25°C	0.33		mA
REVERSE VOLTAGE	4		V
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 550-3508-801, -801F 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-16015	REV D
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: