



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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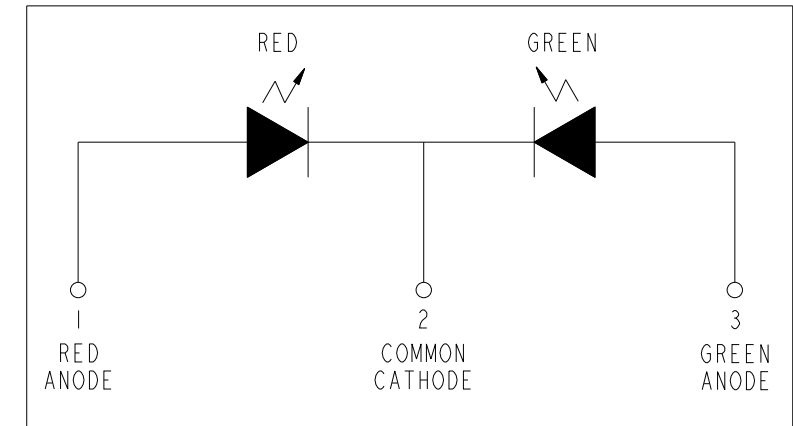
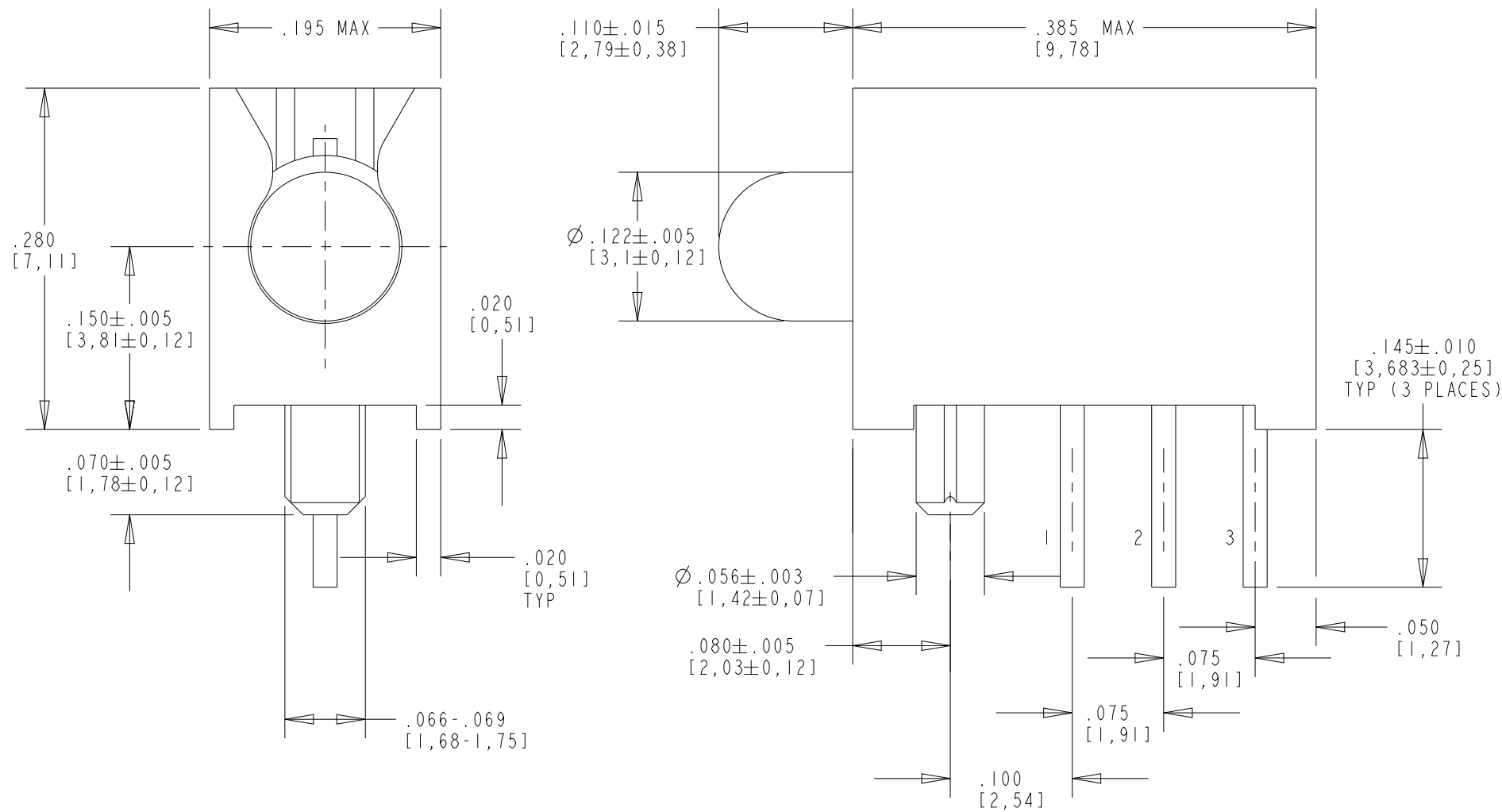
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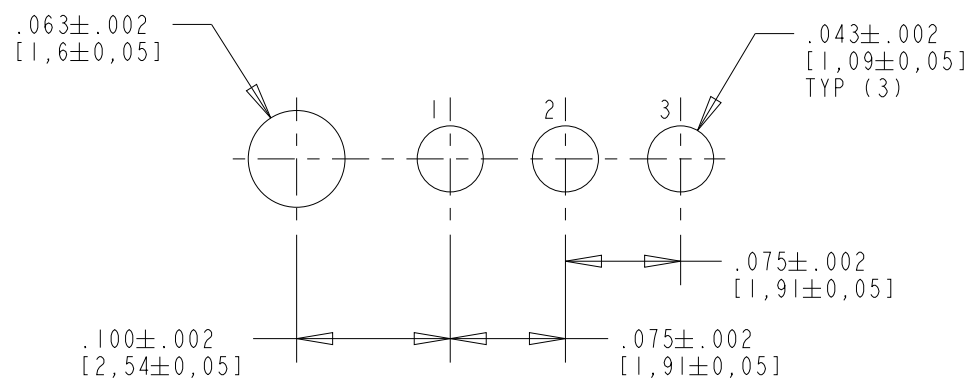
DIALIGHT PART NUMBER	COLOR
551-3508-803F	RED/GREEN

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 _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 2 θ 1/2	RED		59		DEG	I _F = 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.

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