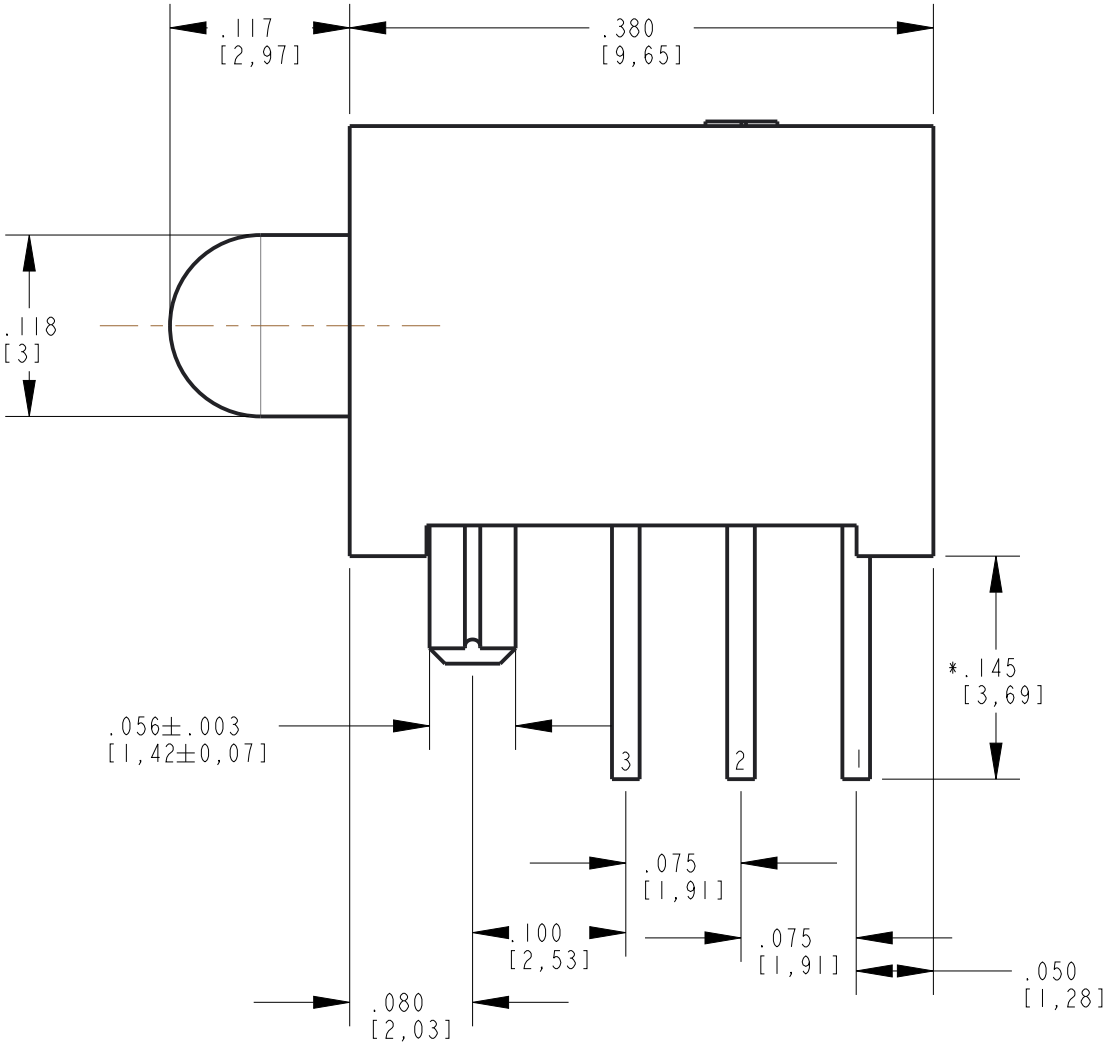
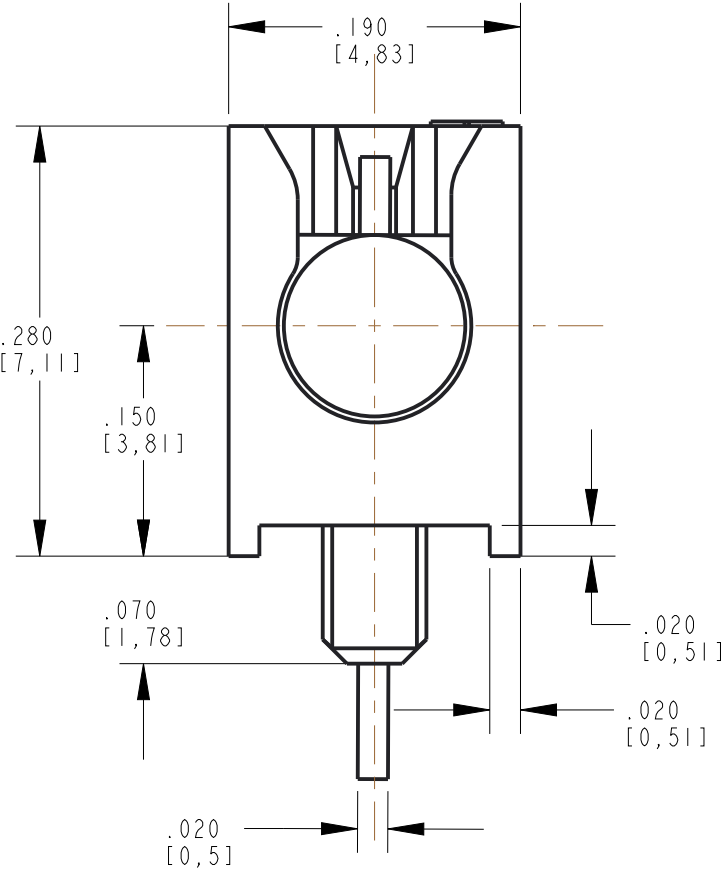
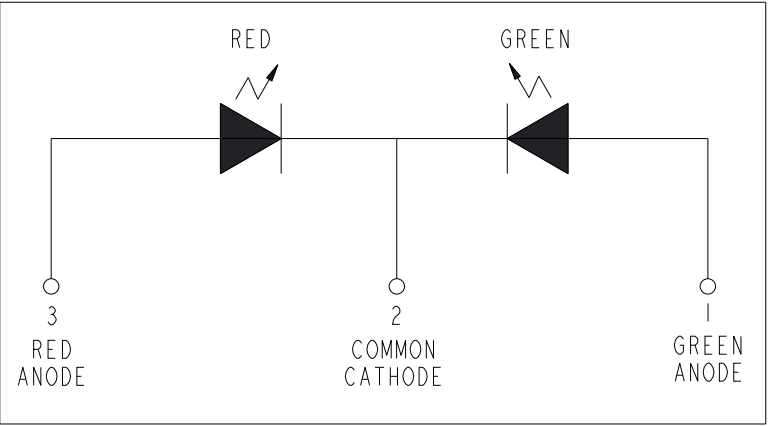


REV	ECN NO	REVISIONS	DRN	CKD	APP	QA	CM	DATE
A	79774	NEW RELEASE	LD	CS	NO			7-11-23

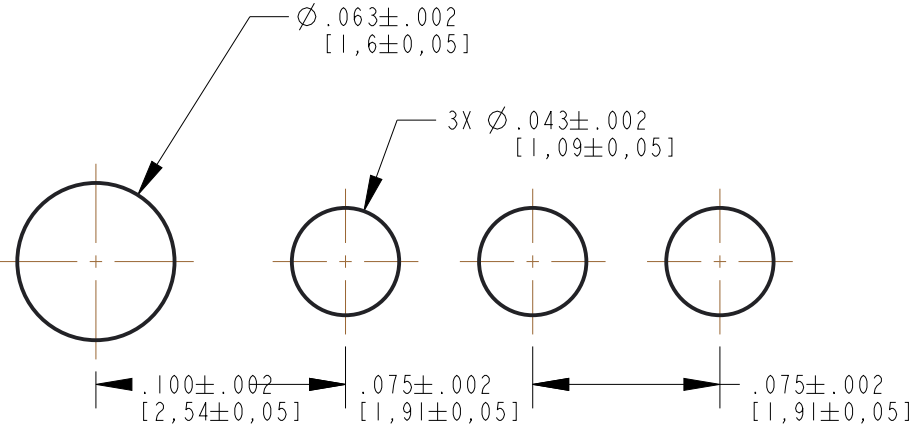


- NOTES:
1. DIALIGHT P/N: 551-3508-804NF
 2. LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING
 3. LEADS TO FIT INTO HOLES SPACED AS PER PATTERN.



LED ABSOLUTE MAXIMUM RATINGS AT TA=25 C			
PARAMETER	GREEN	RED	UNIT
POWER DISSIPATION	78	78	mW
PEAK FORWARD CURRENT (DUTY CYCLE < 1/10, PULSE WIDTH < 10ms)	90	90	mA
DC FORWARD CURRENT	30	30	mA
OPERATING TEMPERATURE RANGE	-30° C TO +85° C		
STORAGE TEMPERATURE RANGE	-40° C TO +100° C		
LEAD SOLDERING TEMPERATURE [2.0mm(.079") FROM BODY]	260° C FOR 5 SECONDS MAX.		

LED ELECTRICAL/OPTICAL CHARACTERISTICS AT TA=25 C							
PARAMETER	SYMBOL	COLOR	MIN.	TYP.	MAX.	UNIT	TEST CONDITION
RADIANT INTENSITY	I _v	RED	29	50	100	mcd	I _F =20mA
		GREEN	29	50	100		
VIEWING ANGLE		RED		75		deg	
		GREEN					
PEAK EMISSION WAVELENGTH		RED		630		nm	
		GREEN		565			
DOMINANT WAVELENGTH		RED	615	625	634	nm	
		GREEN	565	573	578		
SPECTRAL LINE HALF-WIDTH		RED		40		nm	
		GREEN		30			
FORWARD VOLTAGE	V _F	RED		2.0	2.6	V	I _F =20mA
		GREEN		2.1	2.6		
REVERSE CURRENT	I _R	RED			100		V _R =5V
		GREEN					



RECOMMENDED PC BOARD HOLE PATTERN

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SCALE: 8.000	DRAWING NUMBER	REV
ALL DIM'S: INCH (mm)	C-18239	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	MATERIAL
FRACTIONS: ±1/64	3mm BI-COLOR CBI 3 LEADED R/G	
DECIMALS (.XX): ±.01		
DECIMALS (.XXX): ±.005		
DECIMALS (.XXXX): ±.0005		
ANGLES: ±1°		
FINISH		
FSCM 83330	SHEET 1 OF 1	FAMILY TABLE:

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