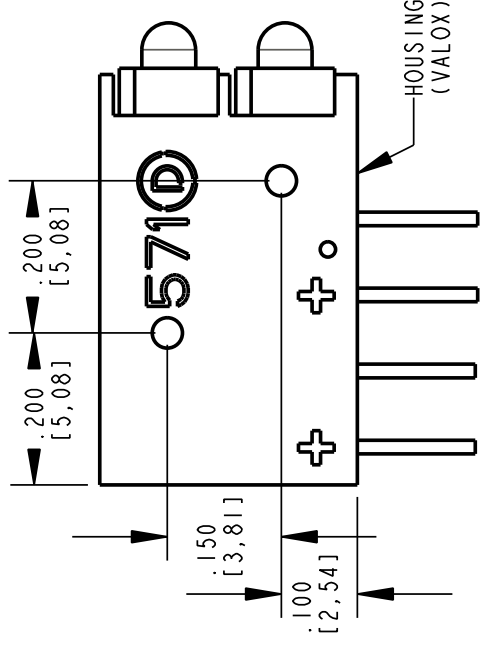


REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A		NEW RELEASE	JLC			

ASSY. NO.	LED COLOR (DIFFUSED)	
	TOP POSITION	BOTTOM POSITION
571-0111-100F	RED	RED
571-0102-100F	BLANK	GREEN
571-0112-100F	RED	GREEN
571-0113-100F	RED	YELLOW
571-0120-100F	GREEN	BLANK
571-0122-100F	GREEN	GREEN
571-0123-100F	GREEN	YELLOW
571-0132-100F	YELLOW	GREEN
571-0133-100F	YELLOW	YELLOW

NOTES:

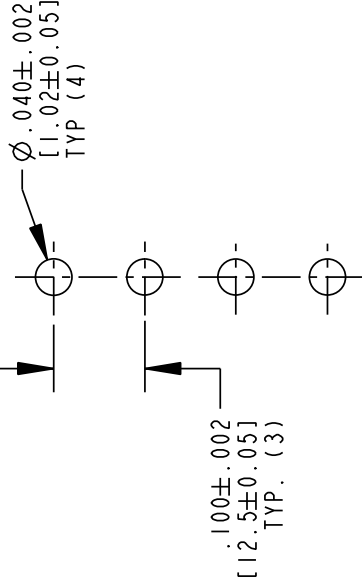
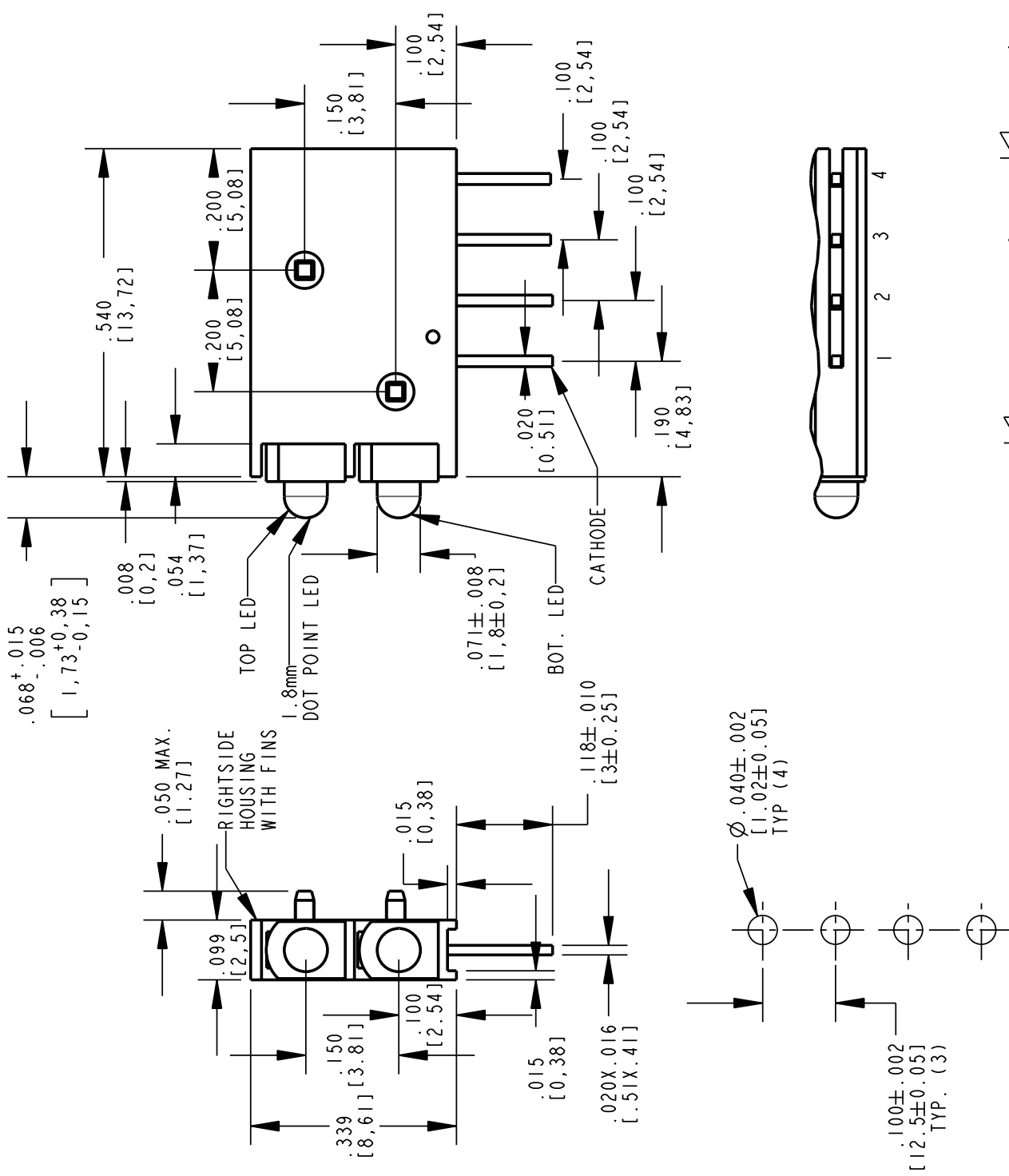
- LED LEAD DIMENSIONS ARE MEASURED AT HOUSING EXIT.
- PIN NUMBERS FOR REFERENCE ONLY. DESIGNATION NON-EXISTENT ON PARTS.
- PART NO. 571-01XX-100 WITH PINS (SEE CHART).



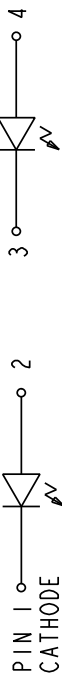
OPERATING CHARACTERISTICS AT 25°C AMBIENT

CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	RED	8	15		mcd	I <sub>F</sub> = 10 mA
	YELLOW	5	8			
	GREEN	5	10			
FORWARD VOLTAGE	RED	2.0	2.5	2.5	V	I <sub>F</sub> = 20 mA
	YELLOW	2.1	2.5			
	GREEN	2.2	2.5			
DOMINANT WAVELENGTH	RED	625			nm	
	YELLOW	588				
	GREEN	568				
PEAK EMISSION WAVELENGTH	RED	627			nm	
	YELLOW	590				
	GREEN	565				
VIEWING ANGLE 2θ <sub>1/2</sub>	RED	70			Degree	
	YELLOW	70				
	GREEN	70				
CAPACITANCE	RED	15			pF	V <sub>F</sub> = 0 V, f = 1 MHz
	YELLOW	20				
	GREEN	15				

ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT	RED			YELLOW			GREEN			UNITS
	RED	YELLOW	GREEN	RED	YELLOW	GREEN	RED	YELLOW	GREEN	
POWER DISSIPATION	105	105	105	105	105	105	105	105	105	mW
FORWARD CURRENT	30	30	30	30	30	30	30	30	30	mA
DERATING LINEAR FROM 25 °C	.40	.40	.40	.40	.40	.40	.40	.40	.40	mA/°C
REVERSE VOLTAGE	5	5	5	5	5	5	5	5	5	V
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY	260	260	260	260	260	260	260	260	260	°C
OPERATING TEMPERATURE	-40 TO +85	-40 TO +85	-40 TO +85	-40 TO +85	-40 TO +85	-40 TO +85	-40 TO +85	-40 TO +85	-40 TO +85	°C
STORAGE TEMPERATURE	-40 TO +85	-40 TO +85	-40 TO +85	-40 TO +85	-40 TO +85	-40 TO +85	-40 TO +85	-40 TO +85	-40 TO +85	°C



RECOMMENDED P.C.B. HOLE PATTERN



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SCALE: 4.000	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-17537	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	
FRACTIONS: ±1/64	1.8mm LED BI-LEVEL CBI	
DECIMALS (.XX): ±.01	RoHS COMPLIANT	
DECIMALS (.XXX): ±.005	MATERIAL	
DECIMALS (.XXXX): ±.0005		
ANGLES: ±1°		
FINISH:		
FSCM 83330	SHEET 1 OF 1	FAMILY TABLE:
		1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727

Dialight