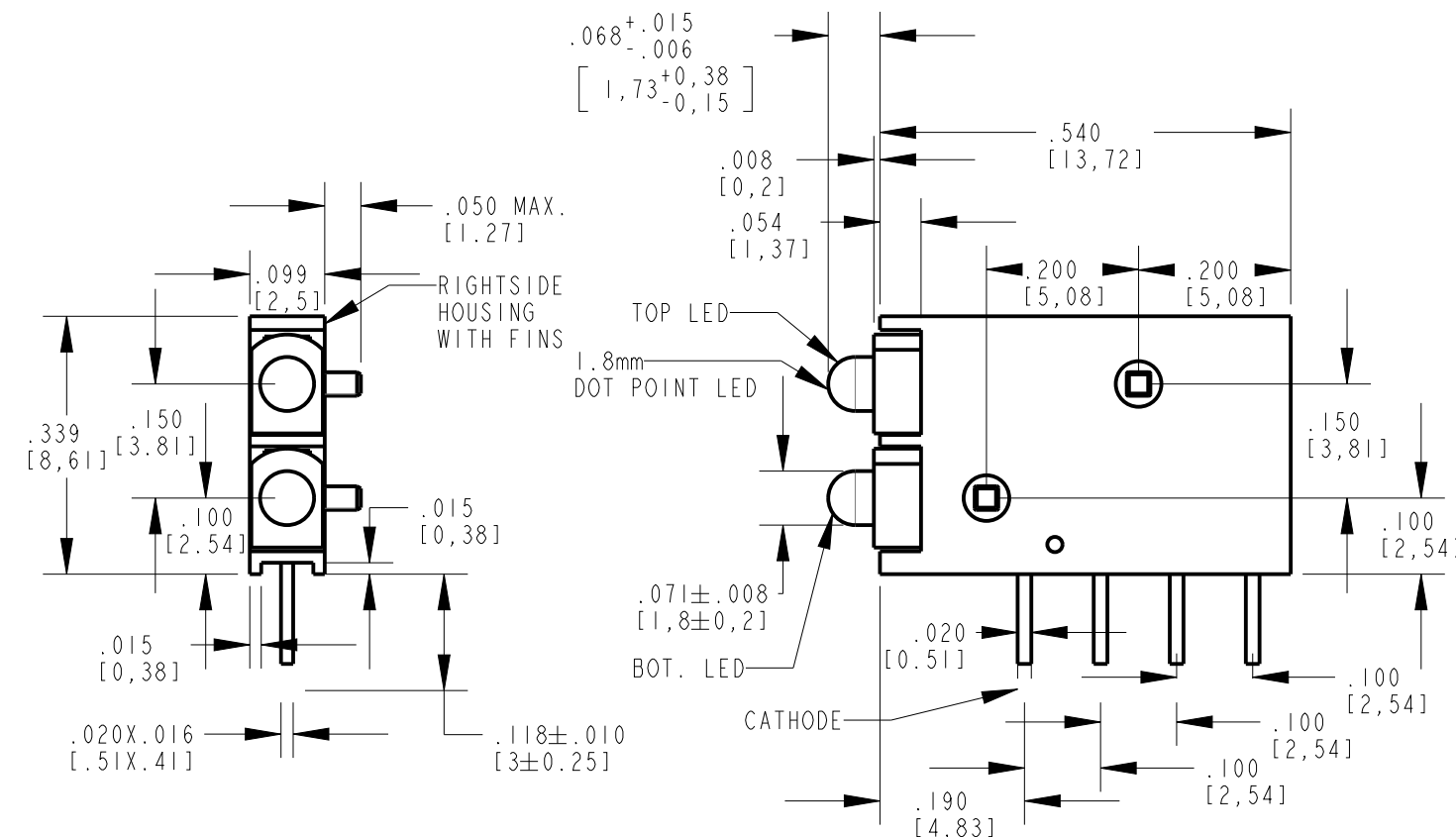
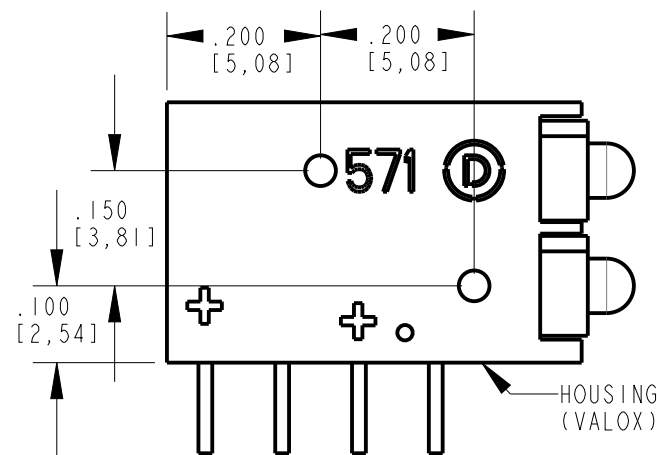


REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A		NEW RELEASE	JLC			
B		UPDATED LEAD SOLDERING TIME FROM 5 SEC TO 3SEC	VP	JTD	NO	10-1-15

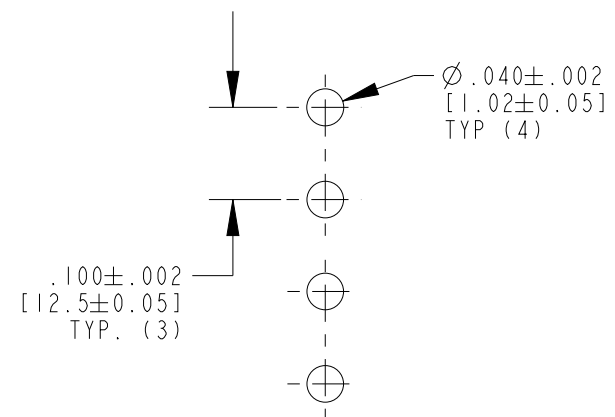
ASSY. NO.	LED COLOR (DIFFUSED)	
	TOP POSITION	BOTTOM POSITION
571-0111-100F	RED	RED
571-0102-100F	BLANK	GREEN
571-0112-100F	RED	GREEN
571-0113-100F	RED	YELLOW
571-0120-100F	GREEN	BLANK
571-0122-100F	GREEN	GREEN
571-0123-100F	GREEN	YELLOW
571-0132-100F	YELLOW	GREEN
571-0133-100F	YELLOW	YELLOW

NOTES:

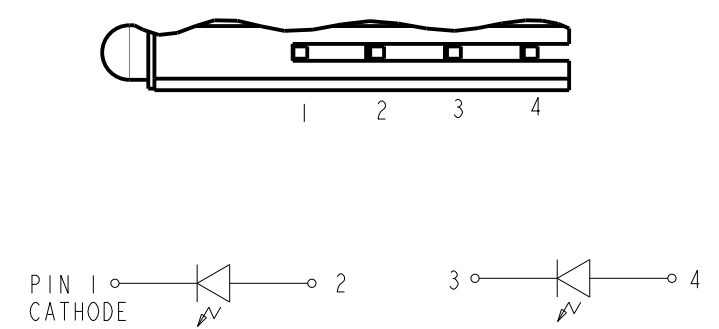
- LED LEAD DIMENSIONS ARE MEASURED AT HOUSING EXIT.
- PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PARTS.
- PART NO. 571-01XX-100 WITH PINS (SEE CHART).



OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	RED	8	15		mcd	$I_F = 10 \text{ mA}$
	YELLOW	5	8			
	GREEN	5	10			
FORWARD VOLTAGE	RED		2.0	2.5	V	$I_F = 20 \text{ mA}$
	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 $2\theta_{1/2}$	RED		70		Degree	
	YELLOW		70			
	GREEN		70			
CAPACITANCE	RED		15		pF	$V_F = 0 \text{ V}, f = 1 \text{ MHz}$
	YELLOW		20			
	GREEN		15			



RECOMMENDED P.C.B. HOLE PATTERN



ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT				
	RED	YELLOW	GREEN	UNITS
POWER DISSIPATION	105	105	105	mW
FORWARD CURRENT	30	30	25	mA
DERATING LINEAR FROM 25 °C	.40		.33	mA/°C
REVERSE VOLTAGE	5			V
LEAD SOLDERING TEMPERATURE, 3 SEC., 1/16" FROM BODY	260			°C
OPERATING TEMPERATURE	-40 TO +85			°C
STORAGE TEMPERATURE	-40 TO +85			°C

RoHS Compliant 571-01XX-100F  
 Part Numbers with the "F" suffix ending are RoHS Compliant.  
 Example: 571-0120-100F  
 Packaging is marked with "RoHS Compliant" label or equivalent markings.  
 Parts can be wave soldered, dip soldered or hand soldered using typical lead-free soldering process with max 260°C temp. for 3 sec.

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: 4.000  
 ALL DIM'S IN: INCHES (MM)

TOLERANCES: UNLESS OTHERWISE SPECIFIED  
 FRACTIONS: ±1/64  
 DECIMALS (.XX): ±.01  
 DECIMALS (.XXX): ±.005  
 DECIMALS (.XXXX): ±.0005  
 ANGLES: ±1°

FINISH:

FSCM 83330

DRAWING NUMBER: C-17537  
 REV: B

TITLE: 1.8mm LED BI-LEVEL CBI  
 RoHS COMPLIANT

MATERIAL:

Dialight  
 1501 ROUTE 34 SOUTH  
 FARMINGDALE, NJ 07727

SHEET 1 OF 1 FAMILY TABLE: