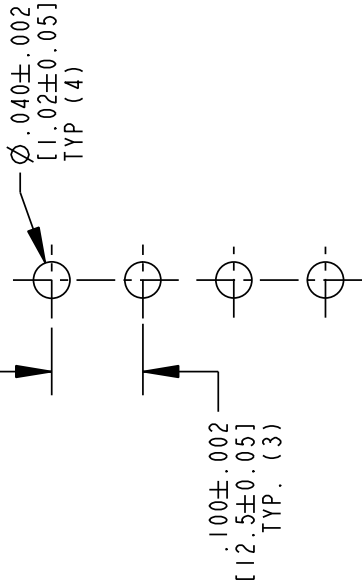
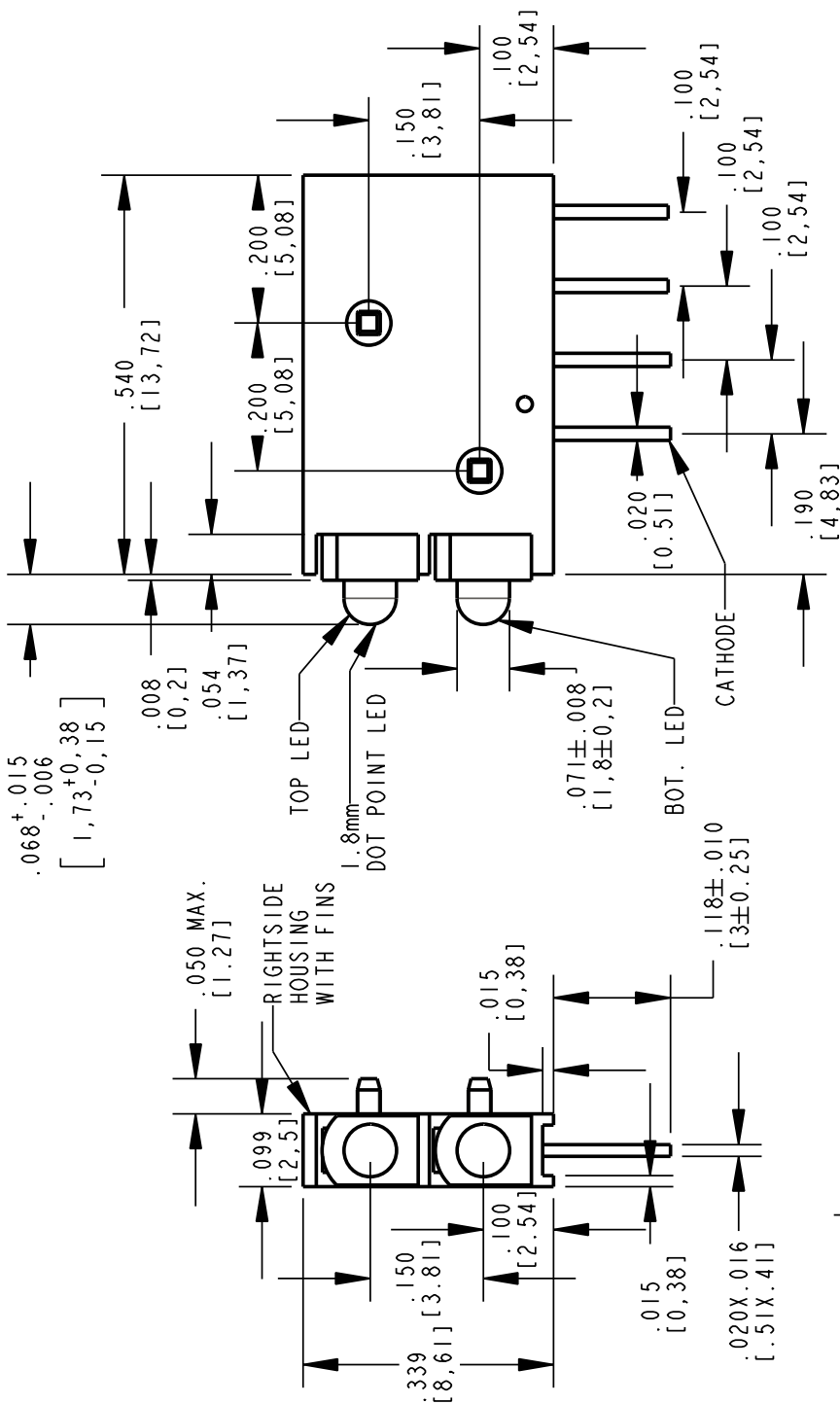
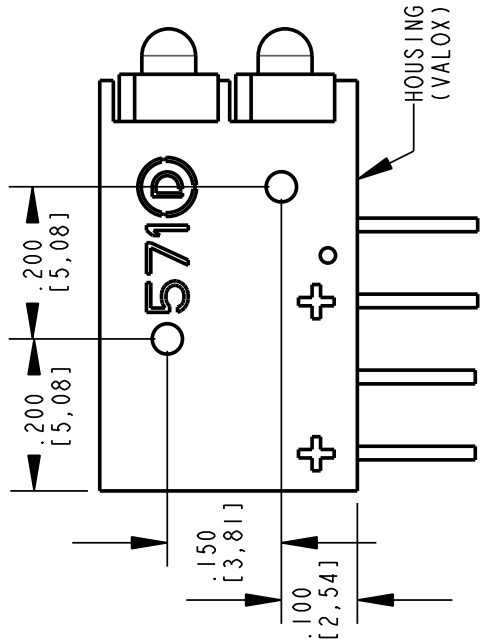


ASSY. NO.	LED COLOR (DIFFUSED)	
	TOP POSITION	BOTTOM POSITION
571-0111-100F	RED	RED
571-0102-100F	BLANK	GREEN
571-0112-100F	RED	GREEN
571-0113-100F	RED	YELLOW
571-0120-100F	GREEN	BLANK
571-0122-100F	GREEN	GREEN
571-0123-100F	GREEN	YELLOW
571-0132-100F	YELLOW	GREEN
571-0133-100F	YELLOW	YELLOW

NOTES:

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



RECOMMENDED P.C.B. HOLE PATTERN



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

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SCALE: 4.000
ALL DIM'S IN: INCHES (MM)
TOLERANCES: UNLESS OTHERWISE SPECIFIED
FRACTIONS: $\pm 1/64$
DECIMALS (, XX): $\pm .01$
DECIMALS (, XXX): $\pm .005$
DECIMALS (, XXXX): $\pm .0005$
ANGLES: $\pm 1^\circ$

Dialight

FSCM	83330	A. B. Shaw & Co., Inc.	
		SHEET	OF
		FAMILY TABLE:	

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 5 sec.

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

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			mA/°C
REVERSE VOLTAGE					5			V
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY					260			°C
OPERATING TEMPERATURE					-40 TO +85			°C
STORAGE TEMPERATURE					-40 TO +85			°C