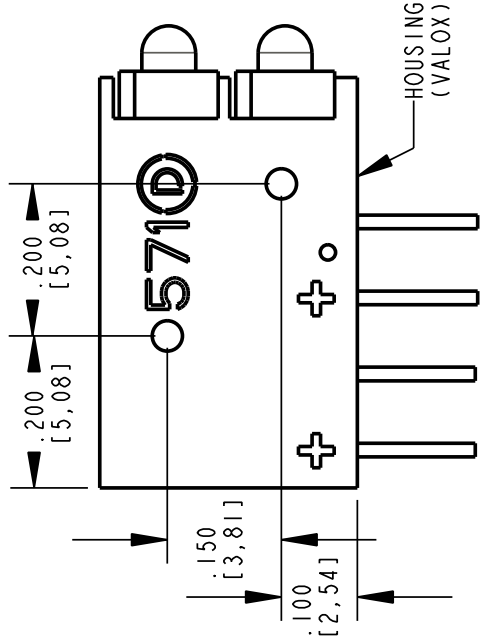


ASSY. NO.	LED COLOR (DIFFUSED)	
	TOP POSITION	BOTTOM POSITION
571-0111-100F	RED	RED
571-0102-100F	BLANK	GREEN
571-0112-100F	RED	GREEN
571-0113-100F	RED	YELLOW
571-0120-100F	GREEN	BLANK
571-0122-100F	GREEN	GREEN
571-0123-100F	GREEN	YELLOW
571-0132-100F	YELLOW	GREEN
571-0133-100F	YELLOW	YELLOW

NOTES:

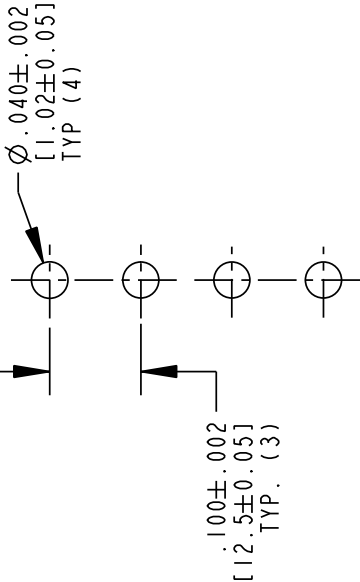
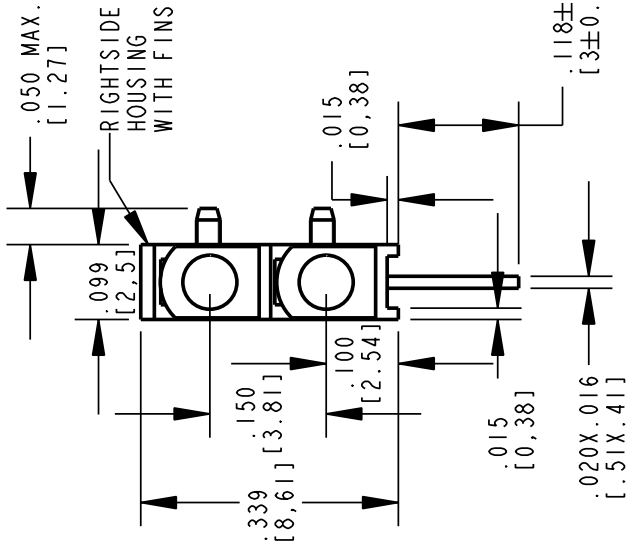
- LED LEAD DIMENSIONS ARE MEASURED AT HOUSING EXIT.
- PIN NUMBERS FOR REFERENCE ONLY. DESIGNATION NON-EXISTENT ON PARTS.
- PART NO. 571-01XX-100 WITH PINS (SEE CHART).



OPERATING CHARACTERISTICS AT 25°C AMBIENT

CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	RED	8	15		mcd	I _F = 10 mA
	YELLOW	5	8			
	GREEN	5	10			
FORWARD VOLTAGE	RED	2.0	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 2 θ 1/2	RED		70		Degree	
	YELLOW		70			
	GREEN		70			
CAPACITANCE	RED		15		pF	V _F = 0 V, f = 1 MHz
	YELLOW		20			
	GREEN		15			

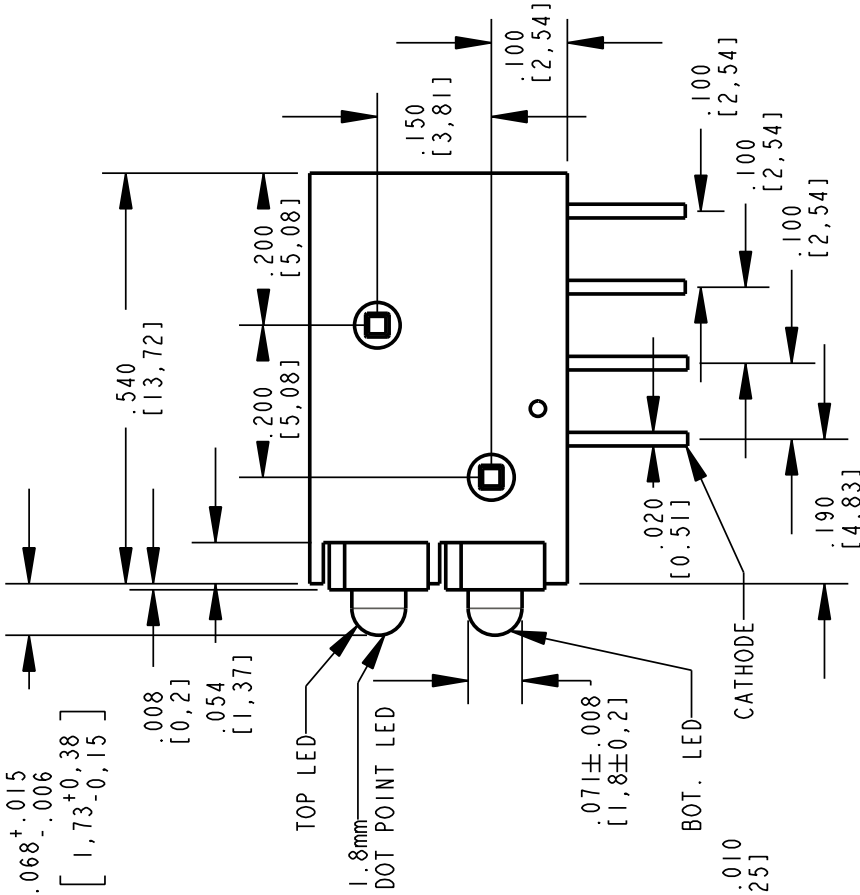
ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT	RED	YELLOW	GREEN	UNITS
POWER DISSIPATION	105	105	105	mW
FORWARD CURRENT	30	30	25	mA
DERATING LINEAR FROM 25 °C		.40	.33	mA/°C
REVERSE VOLTAGE		5		V
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY		260		°C
OPERATING TEMPERATURE		-40 TO +85		°C
STORAGE TEMPERATURE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



RECOMMENDED P.C.B. HOLE PATTERN

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.

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



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