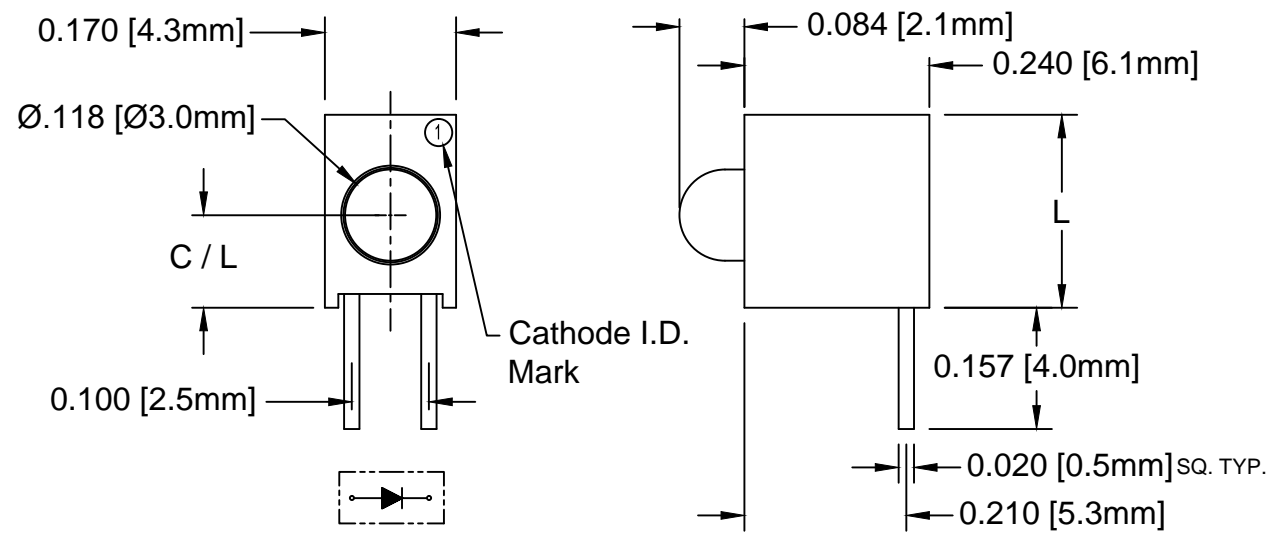




**THE DATASHEET OF
H131CYDL-120**

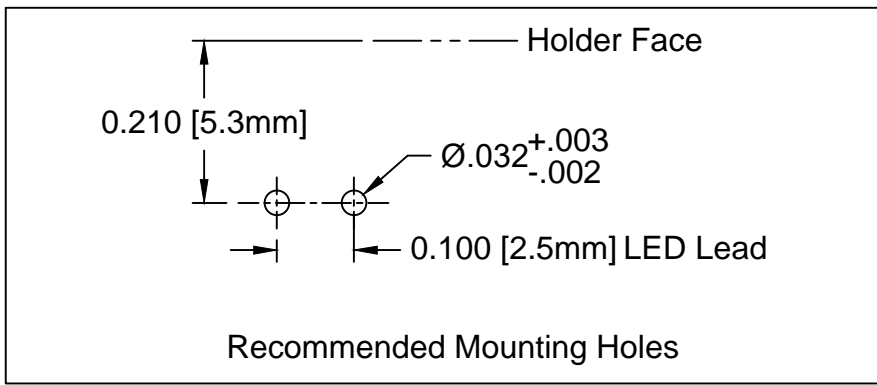


REV.	DESCRIPTION	DATE	APPROVED
E	Corrected Page 2	12/14/07	M. C.
F	Updated H131CRDL-XXX Spec, Page 2	05/01/08	M. C.
G	Added H131CSRT-XXX Spec, Page 2	01/27/09	T. Y.
H	Added Assembly Specs, Page2	03/11/10	T. Y.
J	Engineering Update w/o Changes	06/20/16	J. C.
K	Updated per EOL Notice	11/11/19	A. V.
L	ECO-1073 Removed BOM	10/08/20	A. V.



EXAMPLE:
H131CRD-160*

- Centerline "C/L"
- LED Color & Lens Appearance. Omit 3 when ordering.
- Series * XXX = Centerline "C/L"



Available Centerlines		
XXX	C/L	L
120	.120 (3.0)	.250 (6.4)
140	.140 (3.6)	.270 (6.9)
160	.160 (4.1)	.290 (7.4)
180	.180 (4.6)	.310 (7.9)

ABSOLUTE MAXIMUM RATINGS (Ta=25° C)

- REVERSE VOLTAGE _____ 5V
- REVERSE CURRENT _____ 100uA
- OPERATING TEMPERATURE RANGE _____ -25° C - 85° C
- STORAGE TEMPERATURE _____ -30° C - 100° C
- LEAD SOLDERING TEMPERATURE(1/16" FROM BODY) _____ 260° C FOR 5 SECONDS

CUSTOMER USE DRAWING

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED)		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
DECIMALS	ANGULAR		
.X ±.1	X° ± 1°		
.XX ±.02		 TITLE: T-1 (3MM) 90° SINGLE-LEVEL VAR. C/L LED ASSY	
.XXX ±.010			
DESIGNED: D. Green	DATE: 06/11/03	DRAWING NO: H131CXX-XXX	REVISION: L
REVISED: V. Chavez	DATE: 10/08/20	SHEET SIZE A	CAGE CODE: 32559
CHECKED: A. Valdez	DATE: 10/08/20	SCALE: NONE	SHEET # 1 OF 2
CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING			

REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET #1		


LED Assy. No.	Peak Wave Length λ_p (nm)	Emitted Color	Lens Appearance	Electro-Optical Data				Viewing Angle 2 Y ½ (Deg)	LED P/N
				If (mA)	Vf (V)		Iv (mcd)		
				TYP	TYP	MAX	TYP		
STANDARD				Data @ 20m A					
H131CBWD-XXX	430	BLUE	DIFFUSED	20	4.0	4.5	10	40	3BWD-S
H131CGD-XXX	568	GREEN	DIFFUSED	20	2.1	2.8	25	40	3GD-S
H131CSGD-XXX	568	SUPER GREEN	DIFFUSED	20	2.1	2.8	30	40	3SGD-S
H131CYD-XXX	590	YELLOW	DIFFUSED	20	2.0	2.8	20	40	3YD-S
H131CHD-XXX	625	HE RED	DIFFUSED	20	2.0	2.8	30	40	3HD-S
H131CRD-XXX	700	RED	DIFFUSED	20	2.1	2.8	2	40	3RD-S
H131CSR-XXX	645	SUPER RED	DIFFUSED	20	1.7	2.4	40	40	3SRD-S
LOW CURRENT				Data @ 2m A					
H131CGDL-XXX	568	GREEN	DIFFUSED	2	2.1	2.6	2	40	3GDL-S
H131CYDL-XXX	590	YELLOW	DIFFUSED	2	2.0	2.6	2	40	3YDL-S
H131CHDL-XXX	625	HE RED	DIFFUSED	2	2.0	2.6	2.5	40	3HDL-S
H131CRDL-XXX	700	RED	DIFFUSED	2	2.1	2.6	0.5	40	3RDL-S

CUSTOMER USE DRAWING

		BIVAR[®]	
CAGE CODE	32559	DRAWING NO: H131CXX-XXX	REVISION: L
SHEET SIZE	A	SCALE: NONE	SHEET # 2 OF 2
CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING			

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

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 [Bivar Inc. Information](#)

Optimize Your Supply Chain with WIN SOURCE Solutions

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-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management