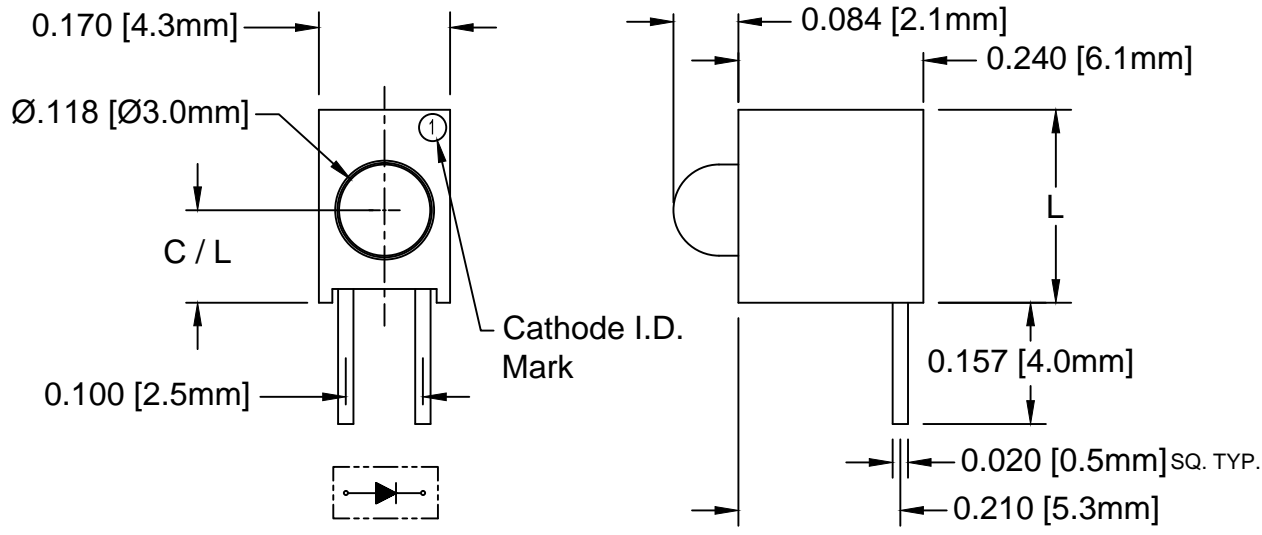
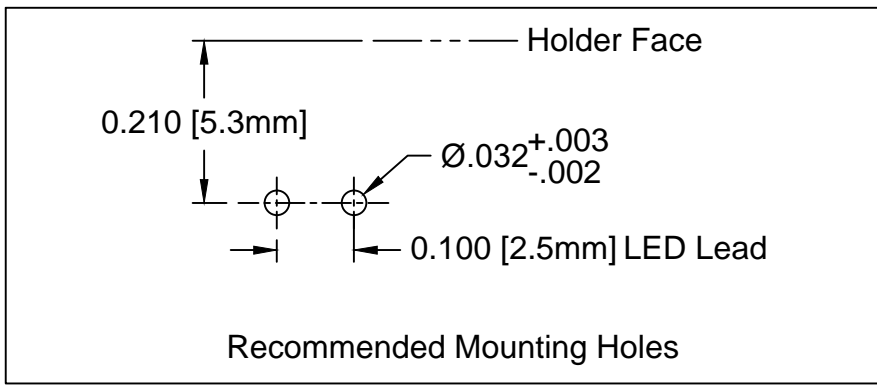


REV.	DESCRIPTION	DATE	APPROVED
E	Corrected Page 2	12/14/07	M. C.
F	Updated H131CRDL-XXX Spec, Page 2	05/01/08	M. C.
G	Added H131CSRT-XXX Spec, Page 2	01/27/09	T. Y.
H	Added Assembly Specs, Page2	03/11/10	T. Y.
J	Engineering Update w/o Changes	06/20/16	J. C.
K	Updated per EOL Notice	11/11/19	A. V.
L	ECO-1073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

**CUSTOMER USE DRAWING**

**ABSOLUTE MAXIMUM RATINGS (Ta=25° C)**

- REVERSE VOLTAGE \_\_\_\_\_ 5V
- REVERSE CURRENT \_\_\_\_\_ 100µA
- 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

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 $\lambda_p$ (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		
<b>STANDARD</b>				<b>Data @ 20m A</b>					
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
<b>LOW CURRENT</b>				<b>Data @ 2m A</b>					
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**

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