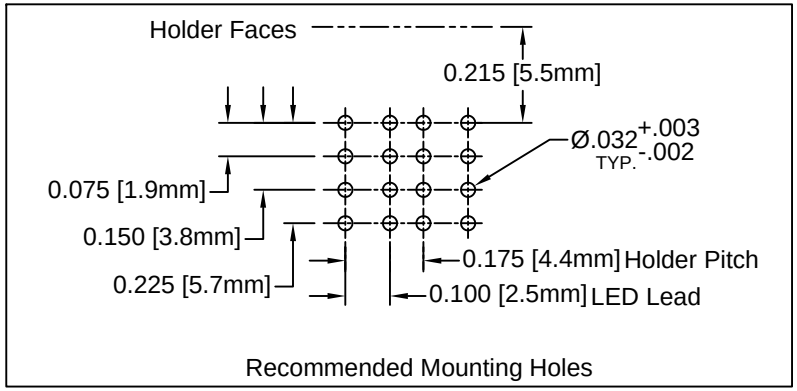
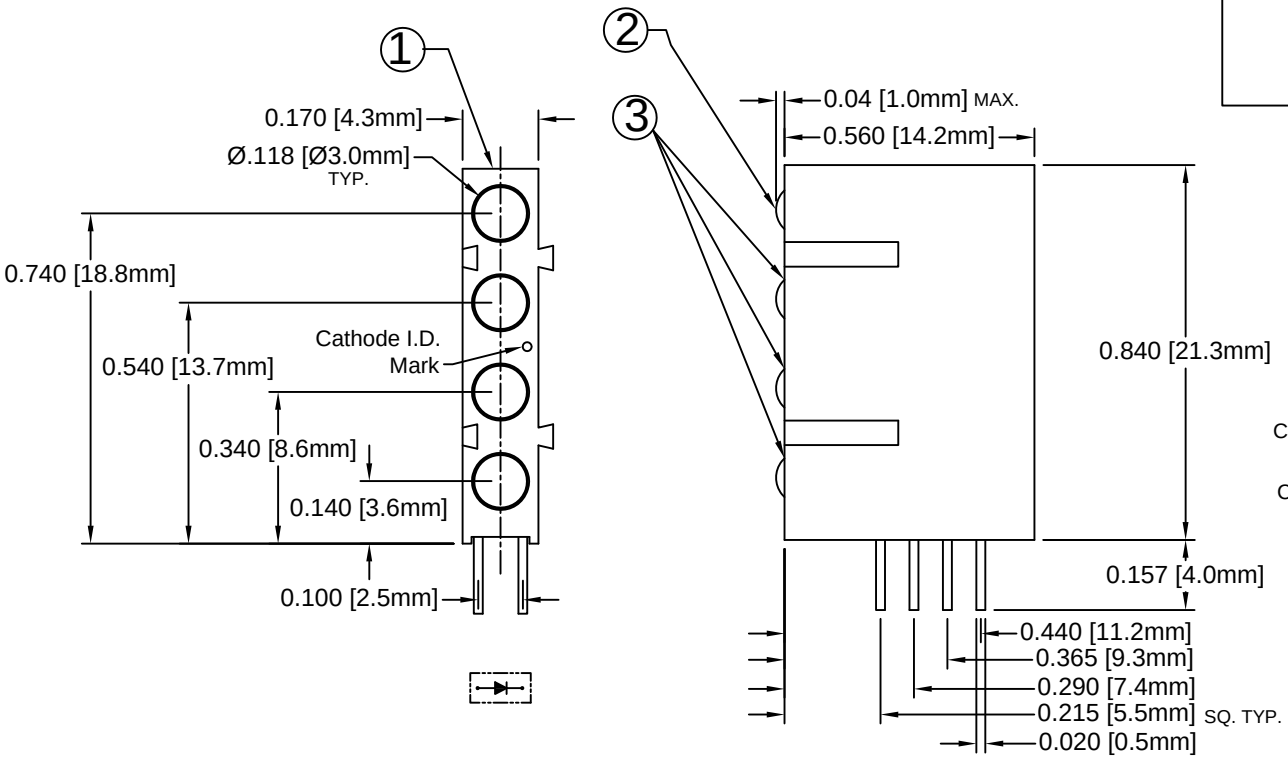
ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	H-400C	T-1 (3mm) Quad-Level LED Holder, 90° Mount, Interlocking
2	1	3XX-LL	T-1 (3mm) N-Flange LED, Long Leads
3	3	3XX-S	T-1 (3mm) N-Flange Shouldered LED, See Page 2

REV.	DESCRIPTION	DATE	APPROVED
E	Updated to Previous Protrusion	04/10/08	M. C.
F	Added P/N Designation	09/30/08	M. C.
G	Added H400CAD Specs	04/13/09	T. Y.
H	Updated LED Protrusion Dimension	08/11/11	T. Y.
J	Engineering Update w/o Changes	08/04/16	J. C.



Recommended Mounting Holes



NOTE: P/N DESIGNATION

H400CXXXXDX

- H-400 Holder Series
- Color of top LED - Use "X" if blank
- Color of 2nd from top LED - Use "X" if blank
- Color of 3rd from top LED - Use "X" if blank
- Lens Appearance: " " Standard LED, "L" Low Current LED, "5V" 5V LED
- Color of bottom LED - Use "X" if blank

-If LEDs are the same, use e.g. H400CGD

- All Green Diffused LEDs

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

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED)

DECIMALS		ANGULAR
.X	± .1	X° ± 1°
.XX	± .02	
.XXX	± .010	

BIVAR®
4 THOMAS, IRVINE, CA. 92618
TEL: (949) 951-8808 FAX: (949) 951-3974

TITLE: T-1 (3MM) INTERLOCKING 90° QUAD-LEVEL LED ASSY			
DESIGNED: T. Yin	DATE: 03/08/04	PART NO: H400CXX	REVISION: J
CHECKED: D. Green	DATE: 03/08/04	CAGE CODE : 32559	SHEET # 1 OF 2

CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.

REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET #1		

LED Assy. No.	Peak Wave Length λp(nm)	Emitted Color	Lens Appearance	Electro-Optical Data				Viewing Angle 2 Θ ½ (Deg)	LED P/N
				If (mA)	Vf (V)		Iv (mcd)		
				TYP	TYP	MAX	TYP		
STANDARD				**Data @ 20mA**					
H400CAD	605	AMBER	DIFFUSED	20	2.0	2.8	25	40	3AD-S
H400CBWD	430	BLUE	DIFFUSED	20	4.0	4.5	10	40	3BWD-S
H400CGD	568	GREEN	DIFFUSED	20	2.1	2.8	25	40	3GD-S
H400CYD	590	YELLOW	DIFFUSED	20	2.0	2.8	20	40	3YD-S
H400CHD	625	HE RED	DIFFUSED	20	2.0	2.8	30	40	3HD-S
H400CRD	700	RED	DIFFUSED	20	2.1	2.8	2	40	3RD-S
H400CSRD	645	SUPER RED	DIFFUSED	20	1.7	2.4	40	40	3SRD-S
LOW CURRENT				**Data @ 2mA**					
H400CGDL	568	GREEN	DIFFUSED	2	2.1	2.6	2	40	3GDL-S
H400CYDL	590	YELLOW	DIFFUSED	2	2.0	2.6	2	40	3YDL-S
H400CHDL	625	HE RED	DIFFUSED	2	2.0	2.6	3	40	3HDL-S
5 VOLT				**Data @ 5V**					
H400CGD5V	568	GREEN	DIFFUSED	8	-	5.0	25	40	3GD5V-S
H400CYD5V	590	YELLOW	DIFFUSED	8	-	5.0	20	40	3YD5V-S
H400CHD5V	625	HE RED	DIFFUSED	8	-	5.0	30	40	3HD5V-S

STANDARD TOLERANCE
(UNLESS OTHERWISE SPECIFIED)
±10% ALL VALUES ANGULAR

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TITLE: T-1 (3MM) INTERLOCKING 90° QUAD-LEVEL LED ASSY

DESIGNED:	DATE:	PART NO:	REVISION:
T. Yin	03/08/04	H400CXX	J
CHECKED: D. Green	DATE: 03/08/04	CAGE CODE : 32559	SHEET # 2 OF 2

CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.