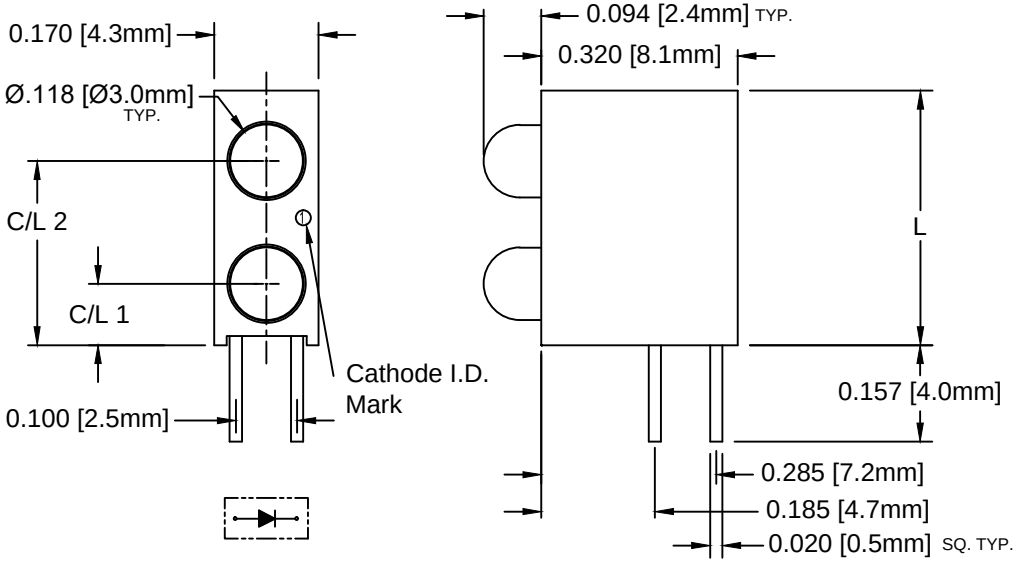
REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Update w/o Changes	03/10/04	M. C.
B	LED Package Change to 3XX-S LEDs	12/14/07	M. C.
C	Added H301CSRC-XXX Spec	03/04/08	M. C.
D	Added P/N Designation Note	08/19/09	T. Y.
E	Engineering Update w/o Changes	06/24/16	J. C.
F	Updated per EOL Notice	12/24/19	A. V.
G	ECO-1073 Removed BOM	10/26/20	A. V.

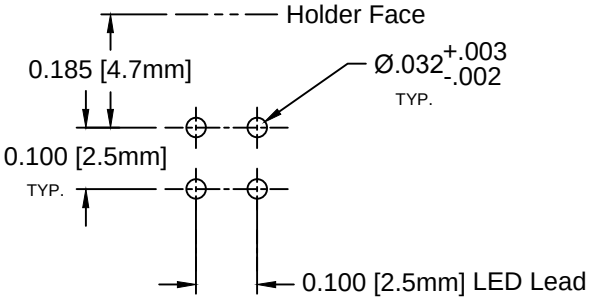


PART NUMBER DESIGNATION

H301CRGD-160*

- * XXX = Centerline "C/L" Centerline "C/L1"
- LED Lens Appearance
- Color of Bottom LED -Use "X" if blank
- Color of Top LED -Use "X" if blank
- Series

-If all LEDs are the same, use e.g. H301CRD-100 (All Red LEDs)



Recommended Mounting Holes

Available Centerlines			
XXX	C/L 1	C/L 2	L
100	.100 (2.5)	.300 (7.6)	.415 (10.6)
120	.120 (3.0)	.320 (8.1)	.435 (11.0)
140	.140 (3.6)	.340 (8.6)	.455 (11.6)
160	.160 (4.1)	.360 (9.1)	.475 (12.1)
180	.180 (4.6)	.380 (9.7)	.495 (12.6)

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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: .X ± .1; .XX ± .02; .XXX ± .010
ANGULAR: X° ± 1°

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

TITLE: T-1 (3MM) 90° BI-LEVEL VAR. C/L LED ASSY			
DESIGNED: T. Yin	DATE: 03/10/04	DRAWING NO: H301CXX-XXX	REVISION: G
REVISED: V. Chavez	DATE: 10/26/20	SHEET SIZE: A	CAGE CODE: 32559
CHECKED: A. Valdez	DATE: 10/26/20	SCALE: NONE	SHEET # 1 OF 2

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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 Y ½ (Deg)	LED P/N
				If (mA)	Vf (V)		Iv (mcd)		
				TYP	TYP	MAX	TYP		
STANDARD				Data @ 20mA					
H301CBWD-XXX	430	BLUE	DIFFUSED	20	4.0	4.5	10	40	3BWD-S
H301CGD-XXX	568	GREEN	DIFFUSED	20	2..1	2.8	25	40	3GD-S
H301CSGC-XXX	568	SUPER GREEN	WATER CLEAR	20	2.1	2.8	50	30	3SGC-S
H301CSGD-XXX	568	SUPER GREEN	DIFFUSED	20	2.1	2.8	30	40	3SGD-S
H301CYD-XXX	590	YELLOW	DIFFUSED	20	2.0	2.8	20	40	3YD-S
H301CHD-XXX	625	HE RED	DIFFUSED	20	2.0	2.8	30	40	3HD-S
H301CRD-XXX	700	RED	DIFFUSED	20	2.1	2.8	2	40	3RD-S
H301CSRD-XXX	645	SUPER RED	DIFFUSED	20	1.7	2.4	40	40	3SRD-S
H301CSRC-XXX	645	SUPER RED	WATER CLEAR	20	1.7	2.4	60	30	3SRC-S
LOW CURRENT				Data @ 2mA					
H301CGDL-XXX	568	GREEN	DIFFUSED	2	2.1	2.6	2	40	3GDL-S
H301CYDL-XXX	590	YELLOW	DIFFUSED	2	2.0	2.6	2	40	3YDL-S
H301CHDL-XXX	625	HE RED	DIFFUSED	2	2.0	2.6	3	40	3HDL-S

CUSTOMER USE DRAWING

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CAGE CODE	32559	DRAWING NO: H301CXX-XXX	REVISION: G
SHEET SIZE	A	SCALE: NONE	SHEET # 2 OF 2
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