



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

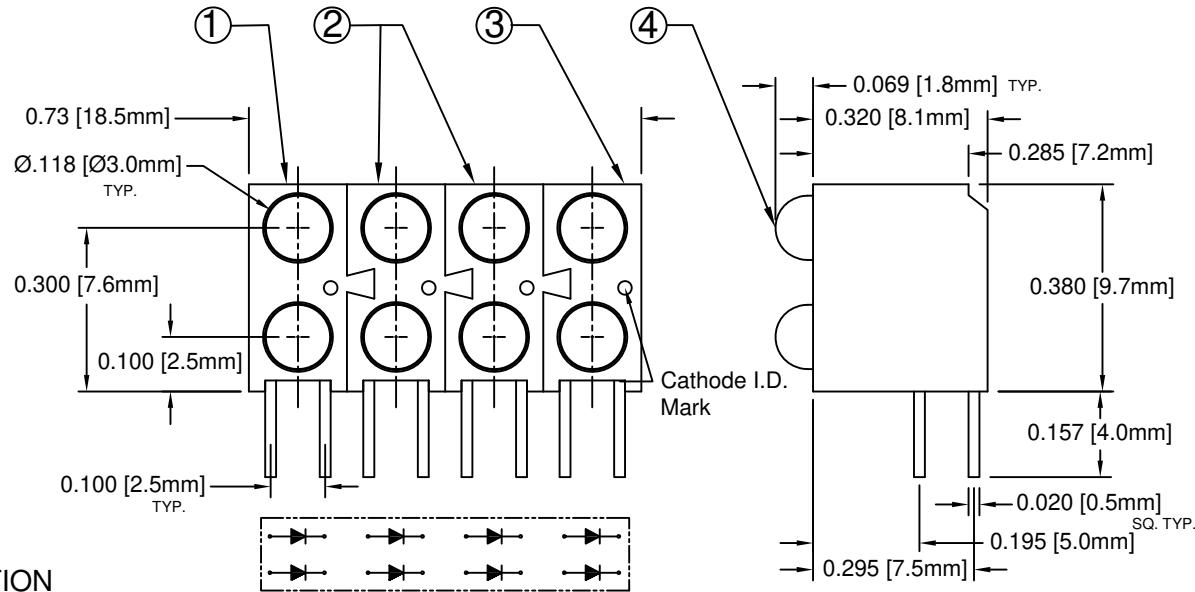
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

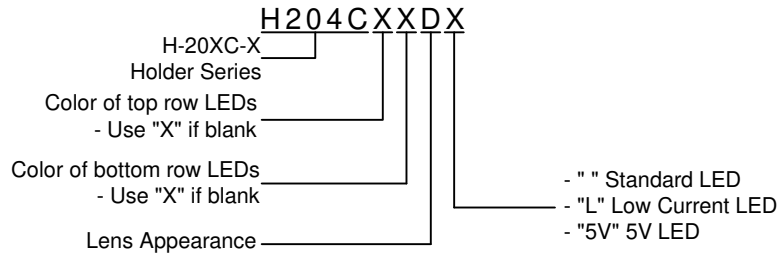


ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	H-202C	T-1 (3mm) Bi-Level LED Holder, 90° Mount, Interlock Lt. End
2	2	H-200C	T-1 (3mm) Bi-Level LED Holder, 90° Mount, Interlock Center
3	1	H-203C	T-1 (3mm) Bi-Level LED Holder, 90° Mount, Interlock Rt. End
4	8	3XX-S	T-1 (3mm) N-Flange Shouldered LED, See Page 2

REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Update w/o Changes	03/05/04	M. C.
B	LED Package Change to 3XX-S LEDs	12/14/07	M. C.
C	Added P/N Designation Note	11/06/08	T. Y.
D	LED Update	07/23/09	T. Y.
E	Engineering Update w/o Changes	06/21/16	J. C.

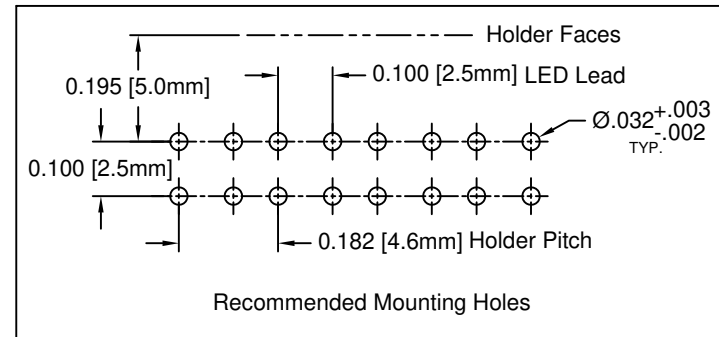


NOTE: P/N DESIGNATION



-If LEDs are the same, use e.g. H204CGD

All Green LEDs




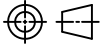
## ABSOLUTE MAXIMUM RATINGS (Ta=25° C)

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)		BIVAR®	
DECIMALS	ANGULAR	4 THOMAS, IRVINE, CA. 92618	
.X ± .1	X° ± 1°	TEL: (949) 951-8808 FAX: (949) 951-3974	
.XX ± .02		<b>TITLE:</b> T-1 (3MM) 90° BI-LEVEL QUAD-STATION ARRAY	
.XXX ± .010		<b>PART NO:</b> H204CXX	
DESIGNED: T. Yin	DATE: 03/05/04	REVISION: E	
CHECKED: D. Green	DATE: 03/05/04	<b>CAGE CODE :</b> 32559 <b>SHEET #</b> 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 $2\theta \frac{1}{2}$ (Deg)	LED P/N
				If (mA)	Vf (V)		Iv (mcd)		
				TYP	TYP	MAX	TYP		
<b>STANDARD</b>				<b>Data @ 20m A</b>					
H204CBWD	430	BLUE	DIFFUSED	20	4.0	4.5	10	40	3BWD-S
H204CGD	568	GREEN	DIFFUSED	20	2.1	2.8	25	40	3GD-S
H204CYD	590	YELLOW	DIFFUSED	20	2.0	2.8	20	40	3YD-S
H204CHD	625	HE RED	DIFFUSED	20	2.0	2.8	30	40	3HD-S
H204CRD	700	RED	DIFFUSED	20	2.1	2.8	2	40	3RD-S
H204CSR	645	SUPER RED	DIFFUSED	20	1.7	2.4	40	40	3SRD-S
<b>LOW CURRENT</b>				<b>Data @ 2m A</b>					
H204CGDL	568	GREEN	DIFFUSED	2	2.1	2.6	2	40	3GDL-S
H204CYDL	590	YELLOW	DIFFUSED	2	2.0	2.6	2	40	3YDL-S
H204CHDL	625	HE RED	DIFFUSED	2	2.0	2.6	3	40	3HDL-S
<b>5 VOLT</b>				<b>Data @ 5V</b>					
H204CGD5V	568	GREEN	DIFFUSED	-	-	5.0	25	40	3GD5V-S
H204CYD5V	590	YELLOW	DIFFUSED	-	-	5.0	20	40	3YD5V-S
H204CHD5V	625	HE RED	DIFFUSED	-	-	5.0	30	40	3HD5V-S

STANDARD TOLERANCE ( UNLESS OTHERWISE SPECIFIED ) $\pm 10\%$ ALL VALUES    ANGULAR		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808    FAX: (949) 951-3974		
				<b>TITLE:</b> T-1 (3MM) 90° BI-LEVEL QUAD-STATION ARRAY
DESIGNED: <b>T. Yin</b>	DATE: <b>03/05/04</b>	<b>PART NO:</b> H204CXX		REVISION: <b>E</b>
CHECKED: <b>D. Green</b>	DATE: <b>03/05/04</b>	<b>CAGE CODE : 32559</b>		<b>SHEET # 2 OF 2</b>
CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.				