



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

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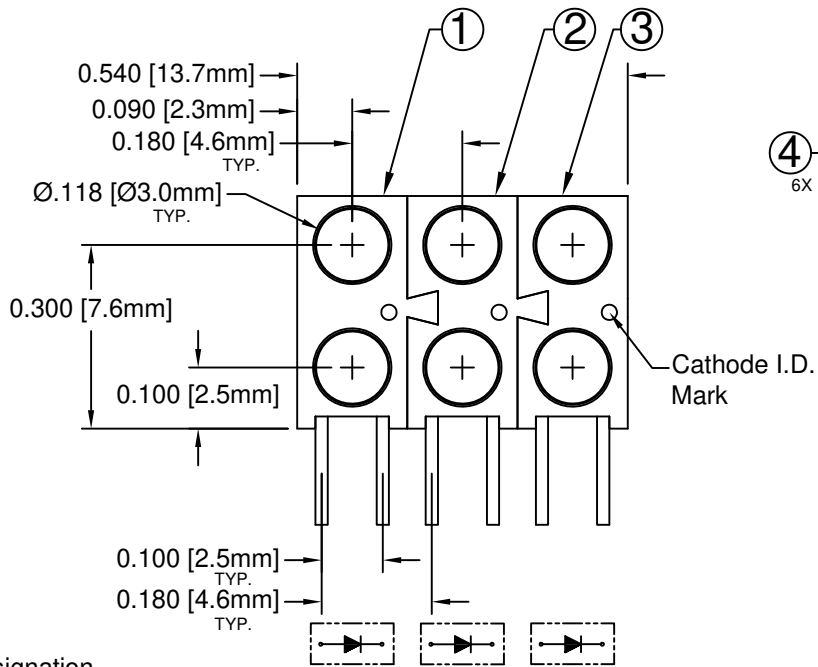
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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	H-202C	T1 (3mm) Bi-Level LED Holder, 90° Mount, Left End
2	1	H-200C	T1 (3mm) Bi-Level LED Holder, 90° Mount, Middle
3	1	H-203C	T1 (3mm) Bi-Level LED Holder, 90° Mount, Right End
4	6	3XX-S	T1 (3mm) N-Flange Shouldered LED, See Page 2

REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release	06/16/10	T. Y.
B	Design Update	08/09/10	T. Y.
C	Engineering Update w/o Changes	06/21/16	J. C.



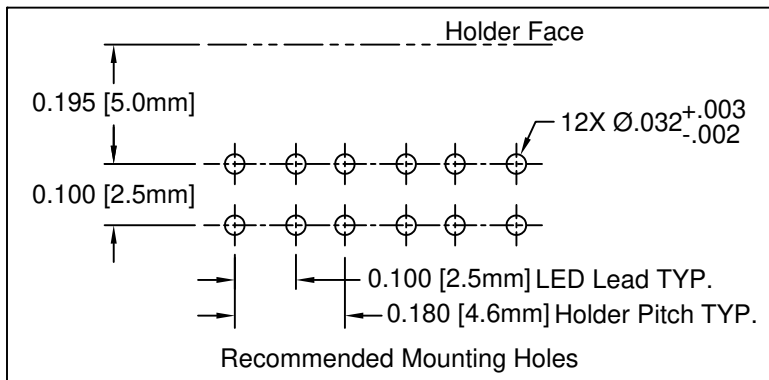
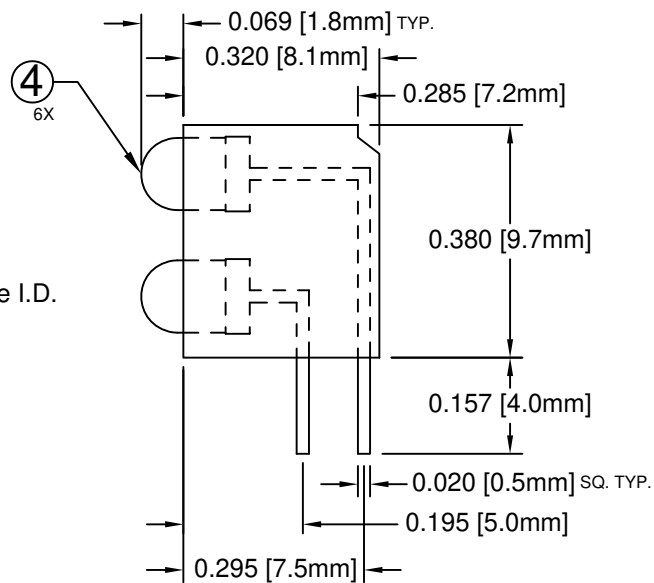
Note: P/N Designation

H203CY X D X X

Color of top row LEDs - "L" Low Current LED  
-Use "X" if blank

Color of bottom row LEDs - "5V" 5V LED  
- " " if Standard LED

- If top and bottom rows are same LED,  
i.e. H203CYD



## 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 )		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
DECIMALS	ANGULAR		
.X ± .1	X° ± 1°		
.XX ± .02			
.XXX ± .010		<b>TITLE:</b> T1 (3MM) 90° BI-LEVEL LED ASSY	
DESIGNED: <b>R. Paje</b>	DATE: <b>06/16/10</b>	<b>PART NO:</b> H203CXX	REVISION: <b>C</b>
CHECKED: <b>T. Yin</b>	DATE: <b>06/16/10</b>	<b>CAGE CODE :</b> 32559	<b>SHEET # 1 OF 2</b>
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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 θ ½ (Deg)	LED P/N
				If (mA)	Vf (V)		Iv (mcd)		
				TYP	TYP	MAX	TYP		
STANDARD				Data @ 20m A					
H203CBWD	430	BLUE	DIFFUSED	20	4.0	4.5	10	40	3BWD-S
H203CGD	568	GREEN	DIFFUSED	20	2.1	2.8	25	40	3GD-S
H203CGC	568	GREEN	WATER CLEAR	20	2.1	2.8	40	30	3GC-S
H203CYD	590	YELLOW	DIFFUSED	20	2.0	2.8	20	40	3YD-S
H203CHD	625	HE RED	DIFFUSED	20	2.0	2.8	30	40	3HD-S
H203CRD	700	RED	DIFFUSED	20	2.1	2.8	2	40	3RD-S
H203CSR	645	SUPER RED	DIFFUSED	20	1.7	2.4	40	40	3SRD-S
H203CAD	605	AMBER	DIFFUSED	20	2	2.8	25	40	3AD-S
LOW CURRENT				Data @ 2m A					
H203CGDL	568	GREEN	DIFFUSED	2	2.1	2.6	2	40	3GDL-S
H203CYDL	590	YELLOW	DIFFUSED	2	2.0	2.6	2	40	3YDL-S
H203CHDL	625	HE RED	DIFFUSED	2	2.0	2.6	3	40	3HDL-S
H203CRDL	700	RED	DIFFUSED	2	2.1	2.6	1	40	3RDL-S
5 VOLT				Data @ 5V					
H203CGD5V	568	GREEN	DIFFUSED	-	-	5.0	25	40	3GD5V-S
H203CYD5V	590	YELLOW	DIFFUSED	-	-	5.0	20	40	3YD5V-S
H203CHD5V	625	HE RED	DIFFUSED	-	-	5.0	30	40	3HD5V-S
H203CRD5V	700	RED	DIFFUSED	-	-	5.0	2	40	3RD5V-S

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		TITLE: T1 (3MM) 90° BI-LEVEL LED ASSY	
DESIGNED: <b>R. Paje</b>	DATE: <b>06/16/10</b>	PART NO: H203CXX	REVISION: C
CHECKED: <b>T. Yin</b>	DATE: <b>06/16/10</b>	CAGE CODE : 32559	SHEET # 2 OF 2
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