



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

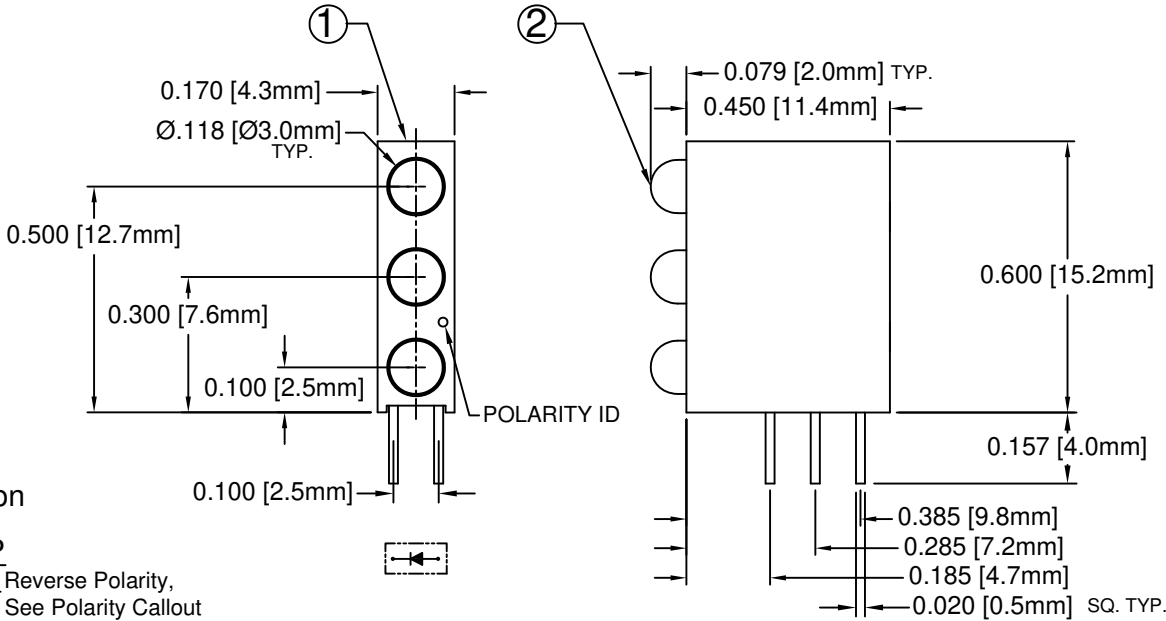
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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



ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	H-311C	T1 (3mm) Tri-Level LED Holder, 90° Mount
2	3	3XX-201-S	T1 (3mm) Extended Profile Shouldered LED, See Page 2 See P/N Configuration for LED Qty

REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release	05/12/10	T. Y.
B	Removed Part Numbers, See Page 2	03/06/15	J. C.
C	Engineering Update w/o Changes	06/24/16	J. C.



NOTE: P/N Configuration

H310CXXXXX-RP

H31X Holder Series

Color of top LED - Use "X" if blank

Color of middle LED - Use "X" if blank

Color of bottom LED - Use "X" if blank

Reverse Polarity, See Polarity Callout

- " " Standard 20 mA LED

- "L" Low Current 2mA LED

- "D" Diffused Lens

- "C" Water Clear Lens

- "T" Tinted Lens

i.e. **H310CHXSGDL-RP**

Series

Low Current LEDs

Diffused Lens Appearance

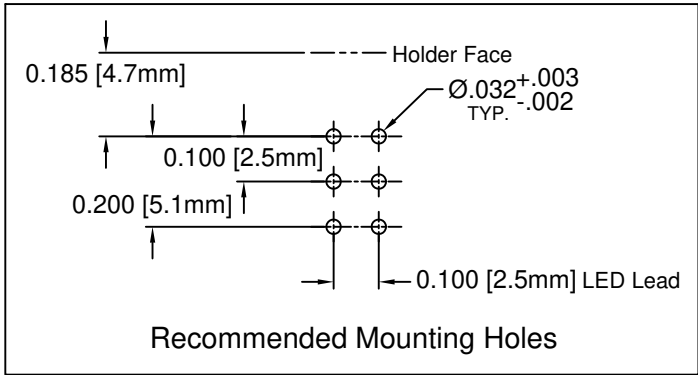
Super Green, bottom LED

No LED

HE Red, top LED

-If LEDs are the same,
use e.g. H310CGD-RP

All Green, Standard 20 mA 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)		<div></div> <div>4 THOMAS, IRVINE, CA. 92618</div> <div>TEL: (949) 951-8808 FAX: (949) 951-3974</div>		
<u>DECIMALS</u>	<u>ANGULAR</u>			
.X ± .1	X° ± 1°			
.XX ± .02		<div></div>	<div>TITLE:</div> <div>T1 (3mm) 90° TRI-LEVEL LED ASSY, REVERSE POLARITY</div>	
.XXX ± .010				
DESIGNED: R. Paje	DATE: 05/12/10	<div>PART NO:</div> <div>H310CXX-RP</div>		
CHECKED: T. Yin	DATE: 05/12/10	<div>CAGE CODE : 32559</div> <div>SHEET # 1 OF 2</div>		
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					
H310CBWD-RP	430	BLUE	DIFFUSED	20	4.0	4.5	10	35	3BWD-201-S
H310CGD-RP	568	GREEN	DIFFUSED	20	2.1	2.8	25	35	3GD-201-S
H310CGC-RP	568	GREEN	WATER CLEAR	20	2.1	2.8	40	20	3GC-201-S
H310CGT-RP	568	GREEN	TINTED	20	2.1	2.8	40	20	3GT-201-S
H310CSGC-RP	568	SUPER GREEN	WATER CLEAR	20	2.1	2.8	50	20	3SGC-201-S
H310CYD-RP	590	YELLOW	DIFFUSED	20	2.0	2.8	20	35	3YD-201-S
H310CYT-RP	590	YELLOW	TINTED	20	2.0	2.8	40	20	3YT-201-S
H310CSYC-RP	590	SUPER YELLOW	WATER CLEAR	20	2.0	2.8	50	20	3SYC-201-S
H310CHD-RP	625	HE RED	DIFFUSED	20	2.0	2.8	30	35	3HD-201-S
H310CRD-RP	700	RED	DIFFUSED	20	2.1	2.8	2	35	3RD-201-S
H310CRC-RP	700	RED	WATER CLEAR	20	2.1	2.8	3	20	3RC-201-S
H310CRT-RP	700	RED	TINTED	20	2.1	2.8	3	20	3RT-201-S
H310CSR-D-RP	645	SUPER RED	DIFFUSED	20	1.7	2.4	40	35	3SRD-201-S
H310CSRC-RP	645	SUPER RED	WATER CLEAR	20	1.7	2.4	60	20	3SRC-201-S
LOW CURRENT				Data @ 2mA					
H310CADL-RP	605	AMBER	DIFFUSED	2	2.0	2.8	2	35	3ADL-201-S
H310CGDL-RP	568	GREEN	DIFFUSED	2	2.1	2.8	2	35	3GDL-201-S
H310CYDL-RP	590	YELLOW	DIFFUSED	2	2.0	2.6	2	35	3YDL-201-S
H310CHDL-RP	625	HE RED	DIFFUSED	2	2.0	2.6	3	35	3HDL-201-S
H310CRDL-RP	700	RED	DIFFUSED	2	2.1	2.8	0.2	35	3RDL-201-S

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DESIGNED: R. Paje	DATE: 05/12/10	 TITLE: T1 (3mm) 90° TRI-LEVEL LED ASSY, REVERSE POLARITY	
CHECKED: T. Yin	DATE: 05/12/10	PART NO: H310CXX-RP	REVISION: C
		CAGE CODE : 32559	SHEET # 2 OF 2
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