



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

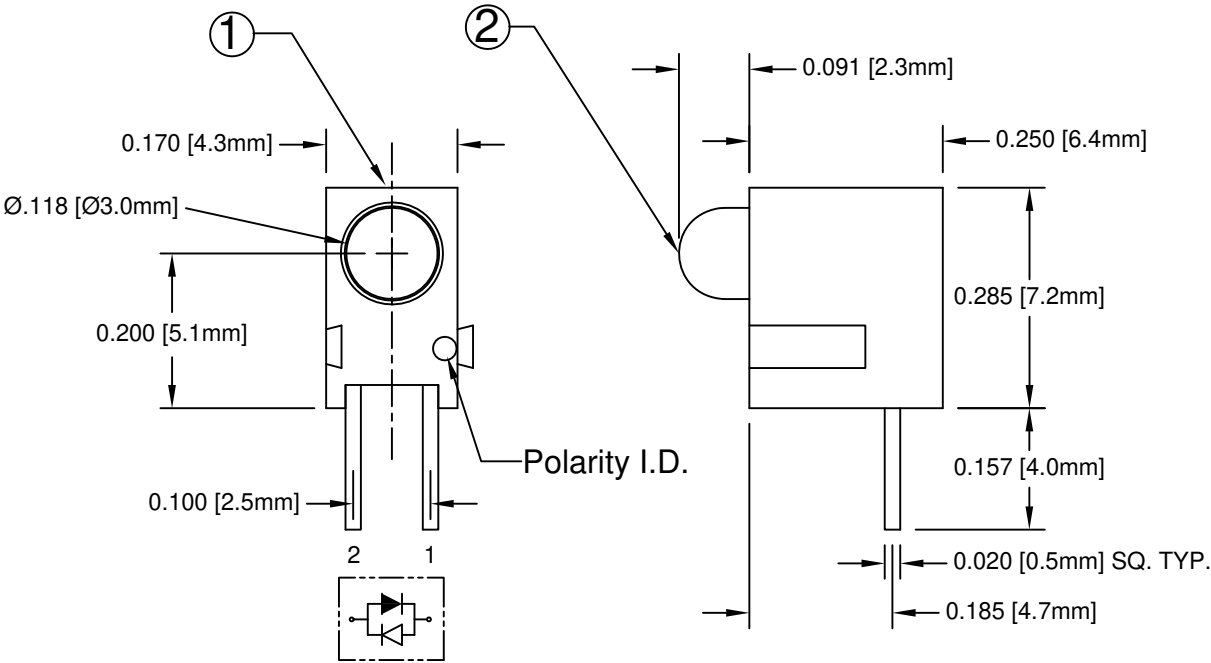
Email & Skype: [info@chipsmall.com](mailto:info@chipsmall.com) Web: [www.chipsmall.com](http://www.chipsmall.com)

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

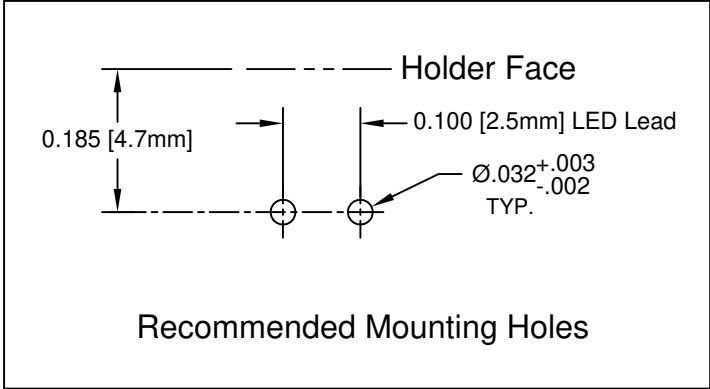


ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	H-100C	T-1 (3mm) LED Holder, 90° Mount, Interlocking Center
2	1	3BC-X/X	T-1 (3mm) N-Flange Bi-Color LED

REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release	09/21/05	M. C.
B	Engineering Update w/o Changes	06/20/16	J. C.



LED PART NO.	1 CATHODE	2 CATHODE
3BC	RED	GREEN
3BC-Y/G	YELLOW	GREEN
3BC-R/Y	RED	YELLOW
3BC-A/G	AMBER	GREEN



Assy P/N	LED P/N	Chip			Lens Appearance	Absolute Max. Ratings				LED Electro-Optical Data @ 20mA			Viewing Angle (Deg)
		Material	Peak Wavelength λp (nm)	Emitted Color		Δλ (nm)	Pd (mW)	If (mA)	Peak If (mA)	Vf (V)		Iv (mcd)	
										TYP	MAX	TYP	
H100CBC	3BC	GaAsP/GaP	635	HE RED	WHITE DIFFUSED	45	80	30	150	2.0	2.6	30	45
		GaP/GaP	568	GREEN		30	80	30	150	2.2	2.6	30	
H100CBC-Y/G	3BC-Y/G	GaAsP/GaP	585	YELLOW	WHITE DIFFUSED	35	80	30	150	2.1	2.6	15	45
		GaP/GaP	568	GREEN		30	80	30	150	2.2	2.6	30	
H100CBC-R/Y	3BC-R/Y	GaAsP/GaP	635	HE RED	WHITE DIFFUSED	45	80	30	150	2.0	2.6	30	45
		GaAsP/GaP	585	YELLOW		35	80	30	150	2.1	2.6	15	
H100CBC-A/G	3BC-A/G	GaAsP/GaP	610	AMBER	WHITE DIFFUSED	35	80	30	150	2.0	2.6	30	45
		GaP/GaP	568	GREEN		30	80	30	150	2.2	2.6	30	

# 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

DESIGNED: S. Dam

CHECKED: T. Yin

DATE: 09/21/05

DATE: 09/21/05

BIVAR®

4 THOMAS, IRVINE, CA. 92618

TEL: (949) 951-8808 FAX: (949) 951-3974

TITLE: T-1 (3MM) INTERLOCKING 90° SINGLE-LEVEL LED ASSEMBLY

PART NO: H100CBC

REVISION: B

CAGE CODE : 32559

SHEET # 1 OF 1

CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.