



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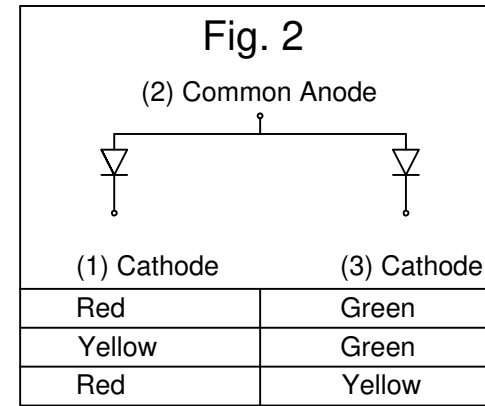
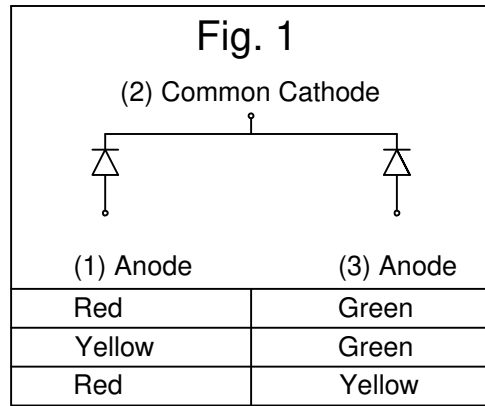
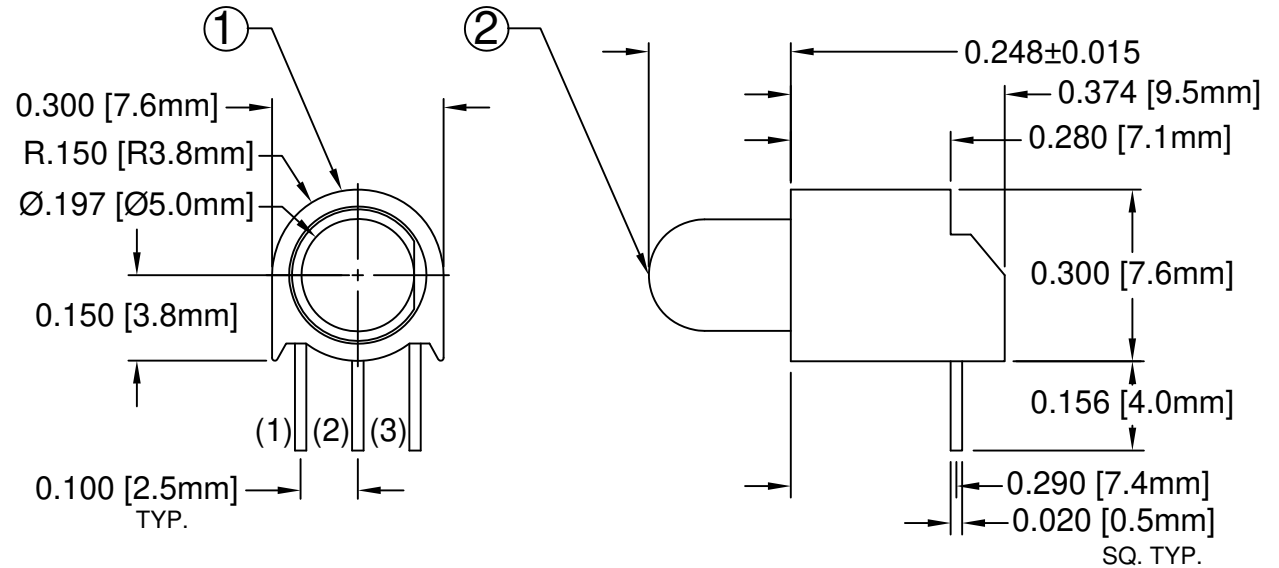
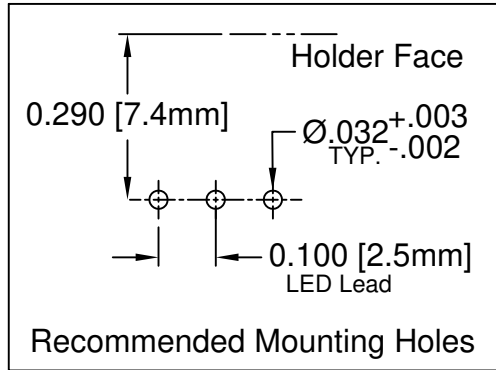
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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	H-178C-3	T-1¼ (5mm) Single-Level Tri-Lead LED Holder, 90° Mount
2	1	5BC-3-XXXX-F	T-1¼ (5mm) Bi-Color/Tri-Color Flanged LED, See Page 2

REV.	DESCRIPTION	DATE	APPROVED
B	Corrected Typo H178CBC-3-B from "Yellow/HE Red" to "Green/HE Red"	09/17/04	M. C.
C	LED Protrusion Tolerance Update	04/27/05	M. C.
D	Obsolete H178CBC-3-B & H178CBC-3-Y/G-B	09/24/08	M. C.
E	Engineering Update w/o Changes	06/20/16	J. C.




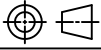
ABSOLUTE MAXIMUM RATINGS (Ta=25° C)

REVERSE VOLTAGE _____	5V
REVERSE CURRENT _____	100µA
OPERATING TEMPERATURE RANGE _____	-40° C - 80° C
STORAGE TEMPERATURE _____	-40° 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°	 TITLE: T-1¼ (5MM) BI-COLOR 3 LEAD 90° SINGLE-LEVEL LED ASSY	PART NO: H178CBC-3-XXXX REVISION: E
.XX ± .02			
.XXX ± .010			
DESIGNED: T. Yin	DATE: 03/05/04	CAGE CODE : 32559 SHEET # 1 OF 2	
CHECKED: D. Green	DATE: 03/05/04	CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.	

REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET #1		

LED Assy. No.	Peak Wave Length λ_p (nm)	Emitted Color	Lens Appearance	Abs. Max. Rating	Electro-Optical Data @ 20mA			Viewing Angle $2\theta \frac{1}{2}$ (Deg)	LED P/N
				If (mA)	Vf (V)		Iv (mcd)		
					TYP	MAX	TYP		
H178CBC-3 (Fig. 1)	625	HE RED	WHITE DIFFUSED	30	2.0	2.8	35	40	5BC-3-F
	568	GREEN		30	2.1	2.8	35		
H178CBC-3-Y/G (Fig. 1)	590	YELLOW	WHITE DIFFUSED	30	2.0	2.8	30	40	5BC-3-Y/G-F
	568	GREEN		30	2.1	2.8	35		
H178CBC-3-CA (Fig. 2)	625	HE RED	WHITE DIFFUSED	30	2.0	2.8	4	40	5BC-3-CA-F
	568	GREEN		30	2.1	2.8	6		
H178CBC-3-Y/G-CA (Fig. 2)	590	YELLOW	WHITE DIFFUSED	30	2.0	2.8	4	40	5BC-3-Y/G-CA-F
	568	GREEN		30	2.1	2.8	6		

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED) $\pm 10\%$ ALL VALUES ANGULAR		 BIVAR [®] 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974		
				TITLE: T-1 $\frac{3}{4}$ (5MM) BI-COLOR 3 LEAD 90° SINGLE-LEVEL LED ASSY
DESIGNED: T. Yin	DATE: 03/05/04	PART NO: H178CBC-3-XXXX		REVISION: E
CHECKED: D. Green	DATE: 03/05/04	CAGE CODE : 32559		SHEET # 2 OF 2
CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.				