



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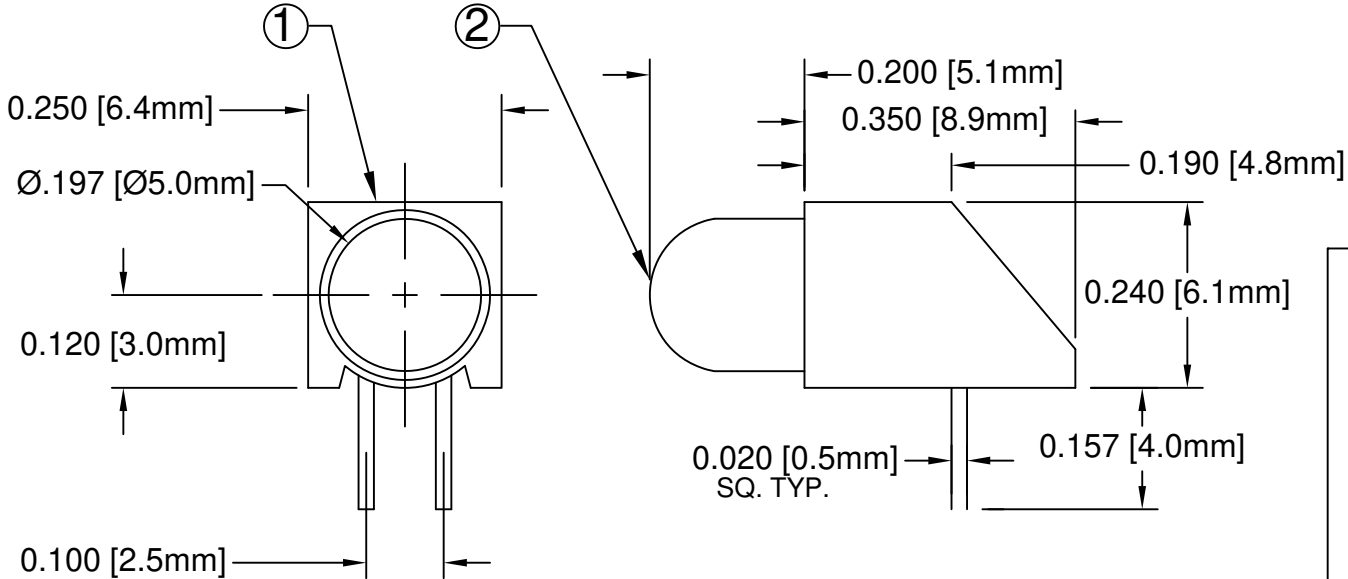
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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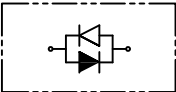


ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	H-178C-2	T-1¾ (5mm) LED Holder, 90° Mount
2	1	5BC-R/Y	T-1¾ (5mm) Non-Flange Bi-Color LED

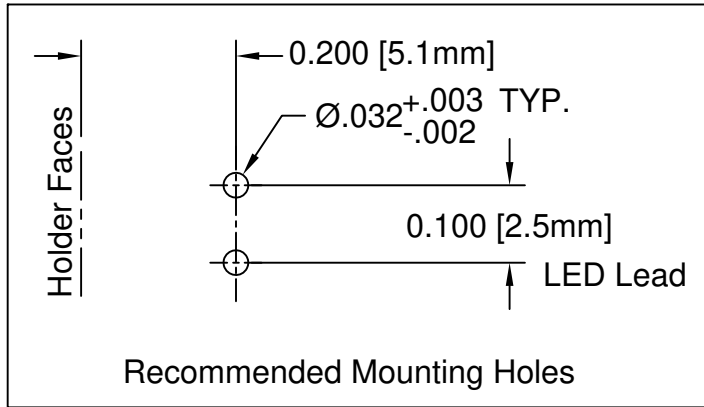
REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release	04/25/07	M. C.
B	Engineering Update w/o Changes	06/20/16	J. C.



Yellow Cathode



Red Cathode



LED Part No.	Chip			Lens Appearance	Absolute Max. Ratings				Electro-Optical Data @ 20mA			Viewing Angle (Deg)
	Material	Peak Wave Length λp (nm)	Emitted Color		Δλ (nm)	Pd (mW)	If (mA)	Peak If (mA)	Vf (V)		Iv (mcd)	
									TYP	MAX	TYP	
5BC-R/Y	GaAsP/GaP	635	HE RED	WHITE DIFFUSED	45	80	30	150	2.0	2.6	15.0	45
	GaAsP/GaP	585	YELLOW		30	80	30	150	2.1	2.6	30.0	

ABSOLUTE MAXIMUM RATINGS (Ta=25° C)

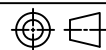
REVERSE VOLTAGE _____ 5V

REVERSE CURRENT _____ 100uA

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)		<div>BIVAR®</div> <div>4 THOMAS, IRVINE, CA. 92618</div> <div>TEL: (949) 951-8808 FAX: (949) 951-3974</div>	
<u>DECIMALS</u>	<u>ANGULAR</u>	<div></div> <div>TITLE: T-1¼ (5mm) BI-COLOR 90° SINGLE-LEVEL LED ASSY</div>	
.X ± .1	X° ± 1°		
.XX ± .02			
.XXX ± .010			
DESIGNED: D. Beckman	DATE: 04/25/07	PART NO: H178CBC-R/Y	REVISION: B
CHECKED: T. Yin	DATE: 04/25/07	CAGE CODE : 32559	SHEET # 1 OF 1
CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.			