



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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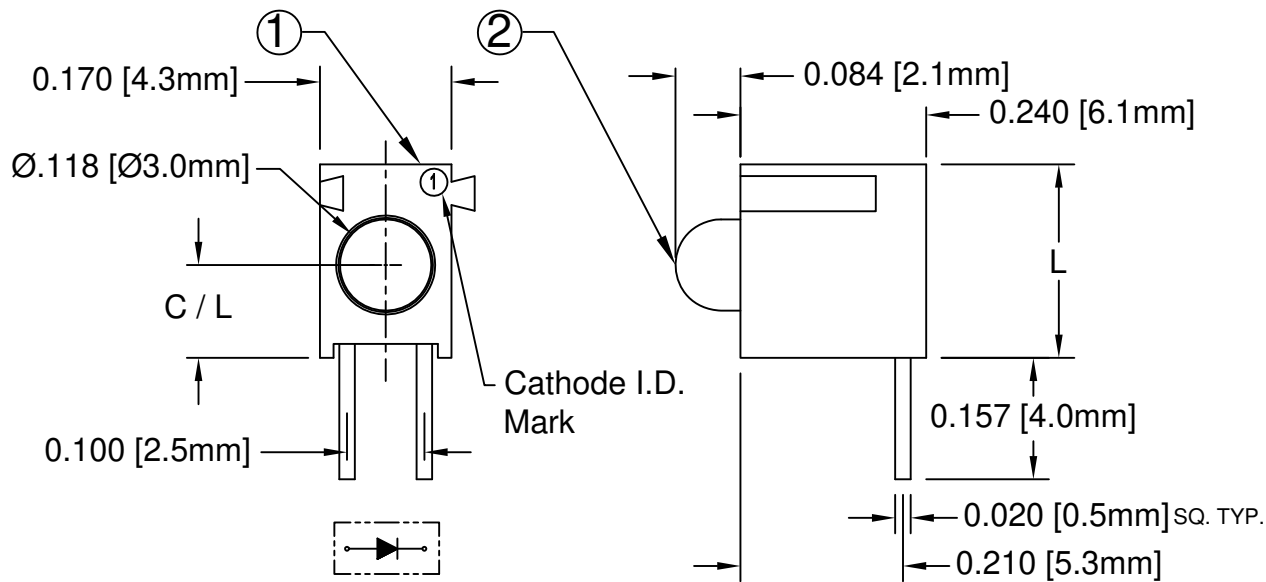
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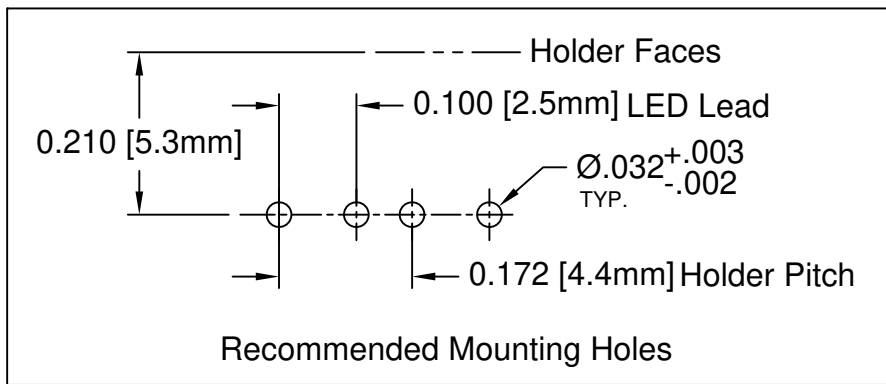


ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	H-130C-1-XXX	T-1 (3mm) LED Holder, 90° Mount, Interlocking Var. C/L
2	1	3XX-S	T-1 (3mm) Shouldered N-Flanged LED, See Page 2

REV.	DESCRIPTION	DATE	APPROVED
B	Engineering Update w/o Changes	03/05/04	M. C.
C	LED Package Change to 3XX-S LEDs	10/26/07	M. C.
D	Added H130CAD-XXX	02/29/08	M. C.
E	Engineering Update w/o Changes	06/20/16	J. C.





EXAMPLE:  
**H130CRD-160\***  
 Centerline "C/L"  
 LED Color & Lens Appearance.  
 Omit 3 when ordering.  
 Series \* XXX = Centerline "C/L"



Available Centerlines		
XXX	C/L	L
120	.120 (3.0)	.250 (6.4)
140	.140 (3.6)	.270 (6.9)
160	.160 (4.1)	.290 (7.4)
180	.180 (4.6)	.310 (7.9)


### 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°	 <b>TITLE:</b> T-1 (3MM) INTERLOCKING 90° SINGLE-LEVEL VAR. C/L LED ASSY	
.XX ± .02			
.XXX ± .010			
DESIGNED: <b>D. Green</b>	DATE: <b>06/11/03</b>	<b>PART NO:</b> H130CXX-XXX	REVISION: <b>E</b>
CHECKED: <b>M. Chen</b>	DATE: <b>06/11/03</b>	<b>CAGE CODE :</b> 32559	<b>SHEET #</b> 1 OF 2
CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.			

REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET #1		

LED Assy. No.	Peak Wave Length $\lambda_p$ (nm)	Emitted Color	Lens Appearance	Electro-Optical Data				Viewing Angle $2\theta_{1/2}$ (Deg)	LED P/N
				If (mA)	Vf (V)		Iv (mcd)		
				Typ.	Typ.	Max.	Typ.		
<b>STANDARD</b>				<b>Data @ 20m A</b>					
H130CBWD-XXX	430	BLUE	DIFFUSED	20	4.0	4.5	20	45	3BWD-S
H130CGD-XXX	565	GREEN	DIFFUSED	20	2.2	2.6	30	45	3GD-S
H130CYD-XXX	585	YELLOW	DIFFUSED	20	2.1	2.6	20	45	3YD-S
H130CHD-XXX	635	HE RED	DIFFUSED	20	2.0	2.6	30	45	3HD-S
H130CRD-XXX	655	RED	DIFFUSED	20	1.7	2.0	6	45	3RD-S
H130CSR-XXX	660	SUPER RED	DIFFUSED	20	1.7	2.6	90	45	3SRD-S
H130CAD-XXX	610	AMBER	DIFFUSED	20	2.2	2.6	30	45	3AD-S
<b>LOW CURRENT</b>				<b>Data @ 2m A</b>					
H130CGDL-XXX	565	GREEN	DIFFUSED	2	1.9	2.2	6	45	3GDL-S
H130CYDL-XXX	585	YELLOW	DIFFUSED	2	1.9	2.2	4	45	3YDL-S
H130CHDL-XXX	635	HE RED	DIFFUSED	2	1.8	2.2	6	45	3HDL-S
<b>5 VOLT</b>				<b>Data @ 5V</b>					
H130CGD5V-XXX	565	GREEN	DIFFUSED	10	-	5.0	30	45	3GD5V-S
H130CYD5V-XXX	585	YELLOW	DIFFUSED	10	-	5.0	20	45	3YD5V-S
H130CHD5V-XXX	635	HE RED	DIFFUSED	10	-	5.0	30	45	3HD5V-S

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED) $\pm 10\%$ ALL VALUES    ANGULAR		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808    FAX: (949) 951-3974	
DESIGNED: <b>D. Green</b>			
CHECKED: <b>M. Chen</b>		DATE: <b>06/11/03</b>	REVISION: <b>E</b> CAGE CODE : 32559    SHEET # 2 OF 2 CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.