



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

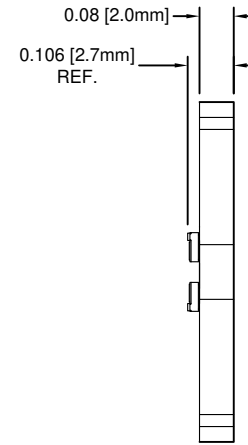
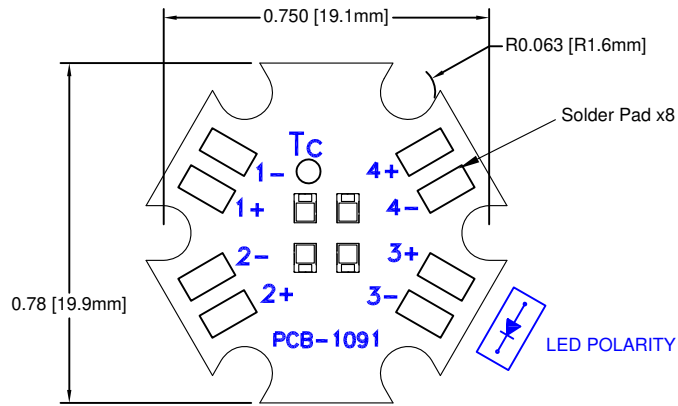
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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



REV.	DESCRIPTION	DATE	APPROVED
F	Corrected Board Thickness	04/01/14	J. C.
G	Engineering Release	04/01/14	J. C.
H	Removed BOM	08/09/16	J. C.




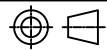
## ORDERING INFORMATION

### L24-ZXXXXK4

CORRELATED COLOR TEMPERATURE  
IN KELVIN

**Table 1: Assembly Configurations**

Part Number	LED P/N	Color	CCT (K)	Typical Luminous Flux (lm)	Philips Lumileds P/N Reference
L24-Z3000K4	BDL-1510	Warm White	3000	440	LXZ1-3080-5
L24-Z5700K4	BDL-1513	Cool White	5700	560	LXZ1-5770

STANDARD TOLERANCE ( UNLESS OTHERWISE SPECIFIED )		 <b>BIVAR</b> <sup>®</sup> 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
DECIMALS	ANGULAR		
.X ± .1	X° ± 1°	 <b>TITLE:</b> L24 Starboard Light Engine	
.XX ± .02			
.XXX ± .010			
DESIGNED: <b>B. Oliver</b>	DATE: <b>11/07/13</b>	<b>PART NO:</b> L24-ZXXXXK4	REVISION: <b>H</b>
CHECKED: <b>J. Chiang</b>	DATE: <b>11/07/13</b>	<b>CAGE CODE :</b> 32559	<b>SHEET #</b> 1 OF 1
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