



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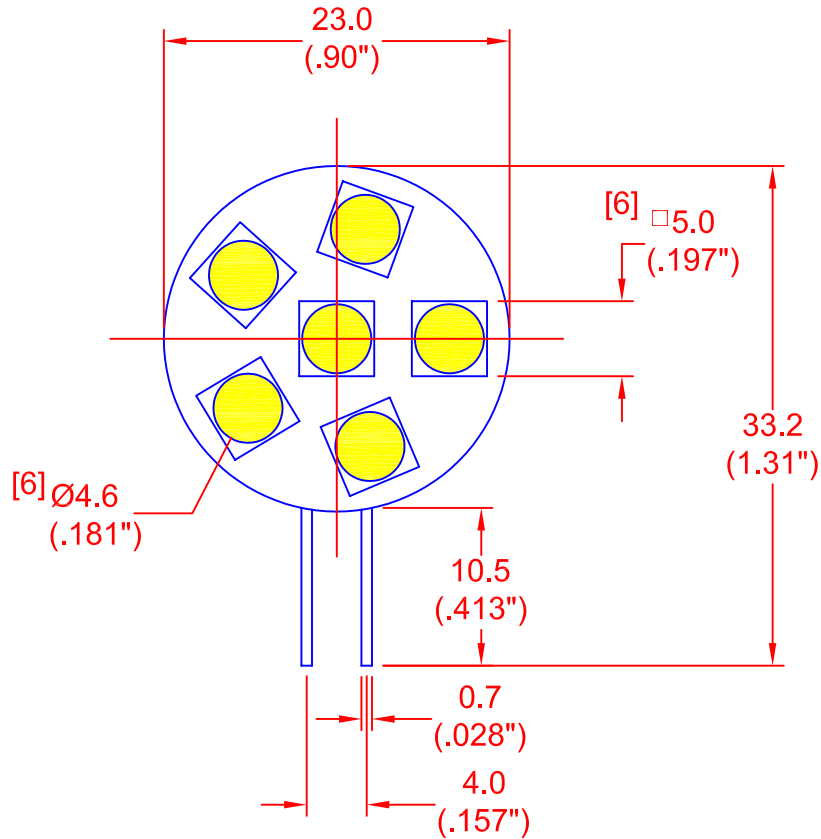
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



REV.	DESCRIPTION/ECO NO.	DATE
	RELEASE AND CANCEL PL-0809-17	2/10/10

**FEATURES**

**Non-Polarized**  
**24V DC Operation**  
**12V AC or DC Operation**



NOTE: OVERALL THICKNESS OF ASSEMBLY IS LESS THAN 10mm (.394").

**ACCESSORIES**

SOCKET: JKL 2993-G5  
 2993-G6

**Absolute Maximum Rating at TA = 25°C**

Parameter	Symbol	Absolute Maximum Rating	Unit
Forward Current	IF	170	mA
Power Dissipation	PD	2.0	W
Electrostatic Discharge	ESD	120	V
Operating Temperature	Topr	-40~+80	°C
Storage Temperature	Tstg	-40~+100	°C

**Electrical/Optical Characteristics at TA = 25°C**

Parameter	Symbol	Condition	Min	Typ	Max	Unit
Forward Current DC	IF	VF = 12V DC	--	150	170	mA
Luminous Flux	φV	VF = 12V DC	--	50	--	lm
Recommend Forward Voltage	VF(rec) DC	--	--	12	--	V
Color Temperature	TC	VF = 12V DC	--	3600	--	°k

<p>THIRD ANGLE PROJECTION</p>	<p><b>METRIC</b></p> <p>DIMENSIONS ARE IN MILLIMETERS (INCH)</p> <p>TOLERANCE UNLESS OTHERWISE SPECIFIED</p> <p>1 PL +/- REF.</p> <p>2 PL +/- ANGLE +/- 0</p>	<p><b>JKL COMPONENTS CORPORATION</b></p>			
	<p>TITLE <b>G-4 LED ASSEMBLY, WARM WHITE LOW VOLTAGE, AC/DC</b></p>				
<p>DRAWN BY</p> <p>L. WENGSTROM</p>	<p>APPV'D BY</p> <p>L.R.</p>	<p>DATE</p> <p>2/10/10</p>	<p>SIZE</p> <p><b>A</b></p>	<p>FSCM NO.</p> <p><b>55335</b></p>	<p>DRAWING NO.</p> <p><b>Z-G4-WW</b></p>
<p>- CAD DRAWING -</p> <p>MANUAL REVISIONS NOT PERMITTED</p>			<p>SCALE</p> <p>NONE</p>	<p>RELEASED DATE</p> <p>2/10/10</p>	<p>REVISION DATE</p>
				<p>REV. NO.</p>	<p>SHEET</p> <p>1 OF 1</p>