



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

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

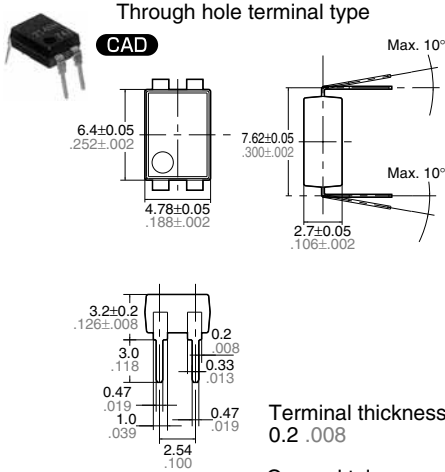
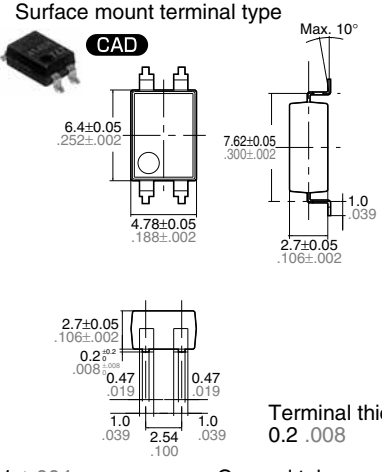
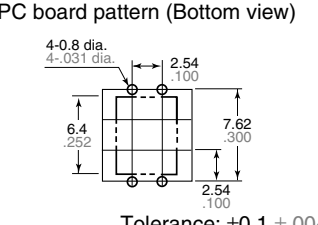
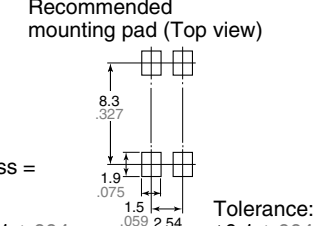
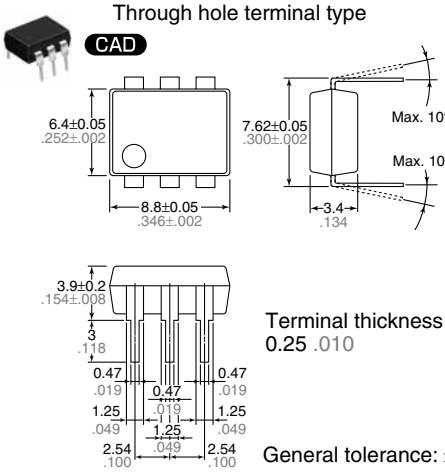
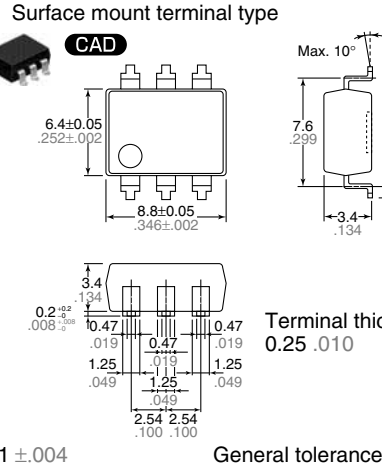
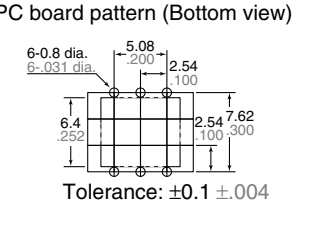
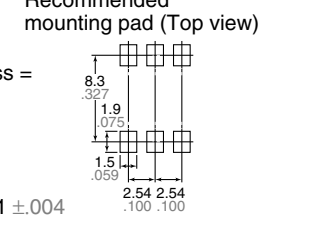
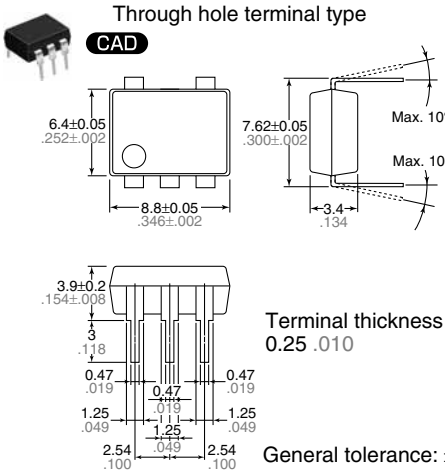
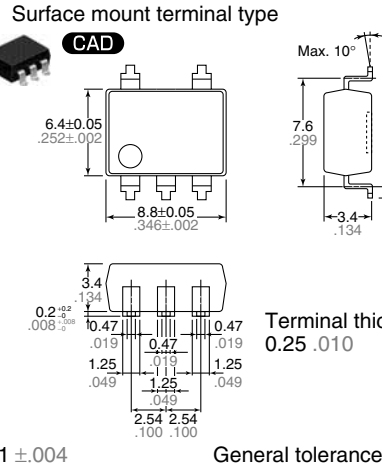
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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



# PhotoMOS® Dimensions

mm inch

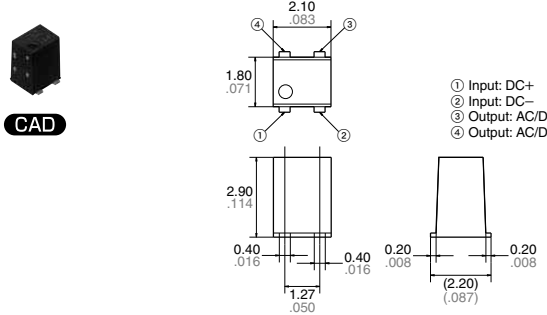
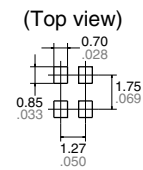
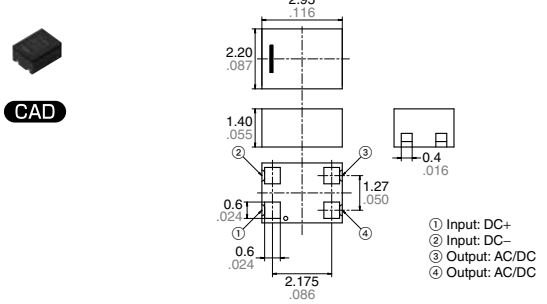
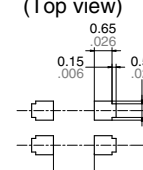
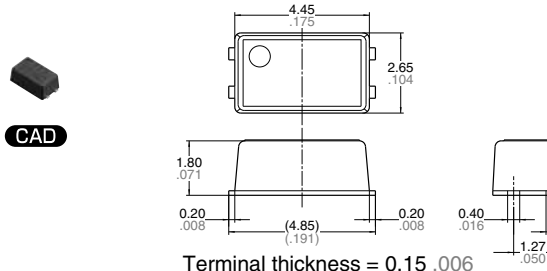
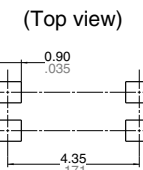
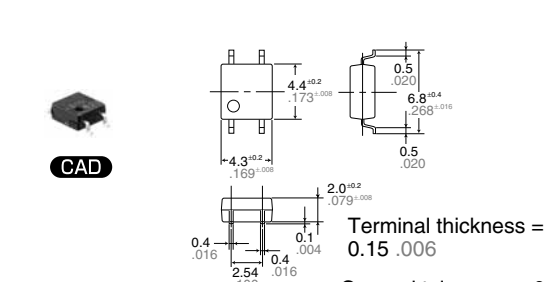
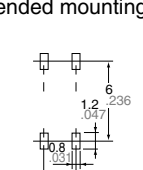
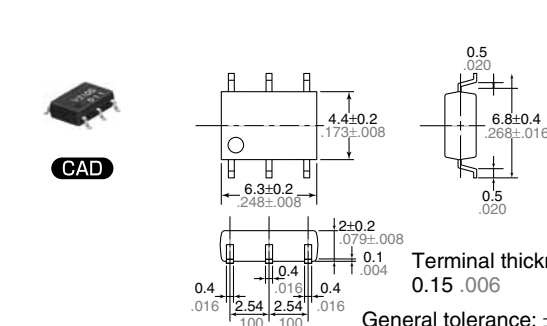
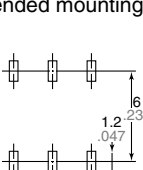
Type	Dimensions			
AQY21(DIP) AQY41(DIP) Series	<b>Through hole terminal type</b>  <p>Terminal thickness = 0.2 .008                      General tolerance: ±0.1 ±.004</p>	<b>Surface mount terminal type</b>  <p>Terminal thickness = 0.2 .008                      General tolerance: ±0.1 ±.004</p>	<b>PC board pattern (Bottom view)</b>  <p>Tolerance: ±0.1 ±.004</p> <p><b>Recommended mounting pad (Top view)</b>   <p>Tolerance: ±0.1 ±.004</p> </p>	
	AQV10(DIP) AQV11(DIP) AQV20(DIP) AQV21(DIP) AQV22(DIP) AQV23(DIP) AQV25(DIP) AQV41(DIP) AQV45(DIP) Series	<b>Through hole terminal type</b>  <p>Terminal thickness = 0.25 .010                      General tolerance: ±0.1 ±.004</p>	<b>Surface mount terminal type</b>  <p>Terminal thickness = 0.25 .010                      General tolerance: ±0.1 ±.004</p>	<b>PC board pattern (Bottom view)</b>  <p>Tolerance: ±0.1 ±.004</p> <p><b>Recommended mounting pad (Top view)</b>   <p>Tolerance: ±0.1 ±.004</p> </p>
		APV1122(DIP)	<b>Through hole terminal type</b>  <p>Terminal thickness = 0.25 .010                      General tolerance: ±0.1 ±.004</p>	<b>Surface mount terminal type</b>  <p>Terminal thickness = 0.25 .010                      General tolerance: ±0.1 ±.004</p>

The CAD data of the products with a **CAD** mark can be downloaded from: <http://industrial.panasonic.com/ac/e/>


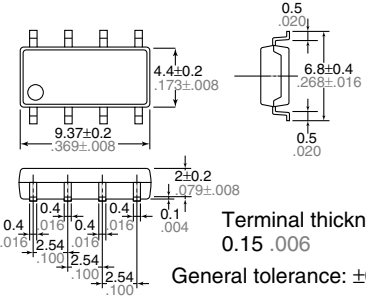
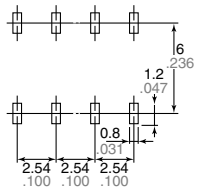

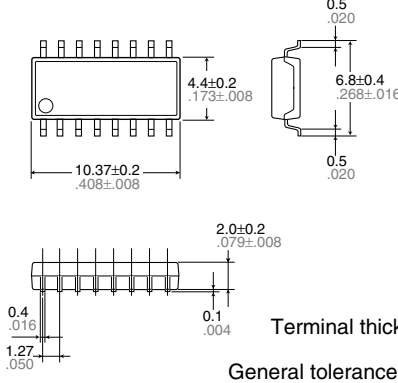
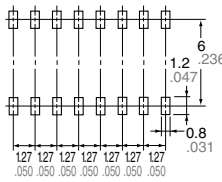

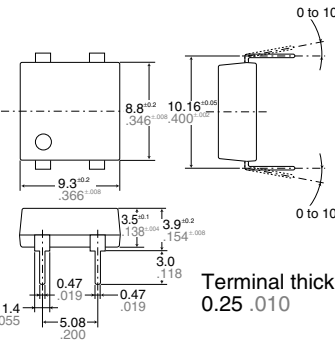

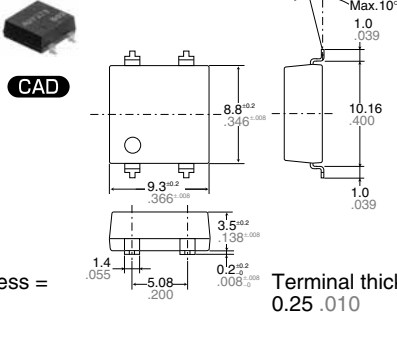
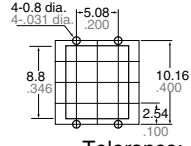
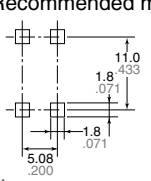

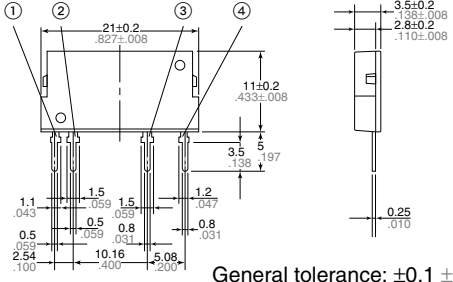
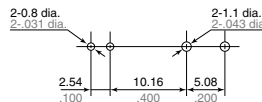
Type	Dimensions		
<p>AQW21(DIP) AQW22(DIP) AQW25(DIP) AQW41(DIP) AQW45(DIP) AQW61(DIP) AQW65(DIP) Series</p>	<p><b>Through hole terminal type</b></p> <p>Terminal thickness = 0.25 .010</p> <p>General tolerance: ±0.1 ±.004</p>	<p><b>Surface mount terminal type</b></p> <p>Terminal thickness = 0.25 .010</p> <p>General tolerance: ±0.1 ±.004</p>	<p><b>PC board pattern (Bottom view)</b></p> <p>Tolerance: ±0.1 ±.004</p> <p><b>Recommended mounting pad (Top view)</b></p>
<p>AQW21○EH (DIP) AQW21○HL (DIP) AQW41○EH (DIP) AQW61○EH (DIP) Series</p>	<p><b>Through hole terminal type</b></p> <p>Terminal thickness = 0.2 .008</p> <p>General tolerance: ±0.1 ±.004</p>	<p><b>Surface mount terminal type</b></p> <p>Terminal thickness = 0.2 .008</p> <p>General tolerance: ±0.1 ±.004</p>	<p><b>PC board pattern (Bottom view)</b></p> <p>Tolerance: ±0.1 ±.004</p> <p><b>Recommended mounting pad (Top view)</b></p> <p>Tolerance: ±0.1 ±.004</p>
<p>AQY2C(TSON) Series</p>	<p><b>Recommended mounting pad (Top view)</b></p> <p>① Input: DC+ ② Input: DC- ③ Output: AC/DC ④ Output: AC/DC</p> <p>General tolerance: ±0.2 ±.008</p>		

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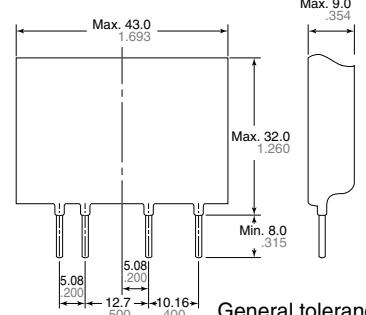

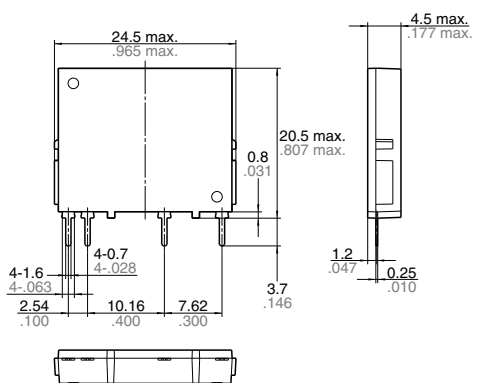

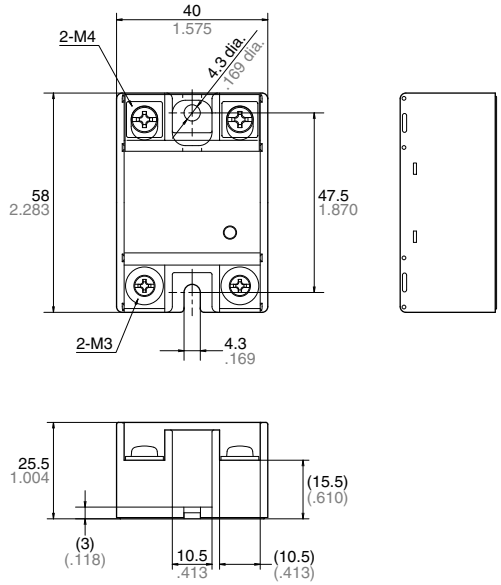


Type	Dimensions	
AQY22(VSSOP) Series	 <p>① Input: DC+ ② Input: DC- ③ Output: AC/DC ④ Output: AC/DC</p> <p>General tolerance: <math>\pm 0.1 \pm .004</math></p>	<p>Recommended mounting pad (Top view)</p>  <p>Tolerance: <math>\pm 0.1 \pm .004</math></p>
AQY22(SON) Series	 <p>① Input: DC+ ② Input: DC- ③ Output: AC/DC ④ Output: AC/DC</p> <p>General tolerance: <math>\pm 0.2 \pm .008</math></p>	<p>Recommended mounting pad (Top view)</p>  <p>Tolerance: <math>\pm 0.1 \pm .004</math></p>
APV21(SSOP) AQY22(SSOP) Series	 <p>Terminal thickness = <math>0.15 \pm .006</math> General tolerance: <math>\pm 0.1 \pm .004</math></p>	<p>Recommended mounting pad (Top view)</p>  <p>Tolerance: <math>\pm 0.1 \pm .004</math></p>
APV11(SOP) APV21(SOP) AQY21(SOP) AQY22(SOP) AQY23(SOP) AQY41(SOP) Series	 <p>Terminal thickness = <math>0.15 \pm .006</math> General tolerance: <math>\pm 0.1 \pm .004</math></p>	<p>Recommended mounting pad (Top view)</p>  <p>Tolerance: <math>\pm 0.1 \pm .004</math></p>
AQV21(SOP) AQV22(SOP) AQV25(SOP) AQV41(SOP) Series	 <p>Terminal thickness = <math>0.15 \pm .006</math> General tolerance: <math>\pm 0.1 \pm .004</math></p>	<p>Recommended mounting pad (Top view)</p>  <p>Tolerance: <math>\pm 0.1 \pm .004</math></p>

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Type	Dimensions			
AQW21(SOP) AQW22(SOP) AQW41(SOP) AQW61(SOP) Series		 <p>Terminal thickness = 0.15 .006 General tolerance: ±0.1 ±.004</p>	<p>Recommended mounting pad (Top view)</p>  <p>Tolerance: ±0.1 ±.004</p>	
AQS22(SOP) Series		 <p>Terminal thickness = 0.15 .006 General tolerance: ±0.1 ±.004</p>	<p>Recommended mounting pad (Top view)</p>  <p>Tolerance: ±0.1 ±.004</p>	
AQY27 (Power-DIP) Series		<p>Through hole terminal type</p>  <p>Terminal thickness = 0.25 .010 General tolerance: ±0.1 ±.004</p>	 <p>Surface mount terminal type</p>  <p>Terminal thickness = 0.25 .010 General tolerance: ±0.1 ±.004</p>	<p>PC board pattern (Bottom view)</p>  <p>Tolerance: ±0.1 ±.004</p> <p>Recommended mounting pad (Top view)</p>  <p>Tolerance: ±0.1 ±.004</p>
AQZ10(SIL) AQZ20(SIL) AQZ40(SIL) Series		 <p>General tolerance: ±0.1 ±.004</p>	<p>PC board pattern (Bottom view)</p>  <p>Tolerance: ±0.1 ±.004</p> <p>AC/DC type</p> <ul style="list-style-type: none"> <li>① Input: DC-</li> <li>② Input: DC+</li> <li>③ Output: DC or AC</li> <li>④ Output: DC or AC</li> </ul> <p>DC type</p> <ul style="list-style-type: none"> <li>① Input: DC-</li> <li>② Input: DC+</li> <li>③ Output: DC-</li> <li>④ Output: DC+</li> </ul>	

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Type	Dimensions
AQZ26(SIL) Series 	 <p>General tolerance: <math>\pm 0.5 \pm 0.20</math>      Pitch tolerance: <math>\pm 0.1 \pm 0.04</math></p> <p>Mounting hole location (Bottom view)</p> <p>① Input: DC - ② Input: DC + ③ Output: AC or DC ④ Output: AC or DC</p>
AQZ19(SIL) Series 	 <p>General tolerance: <math>\pm 0.2 \pm 0.08</math></p> <p>PC board pattern (Bottom view)</p> <p>Tolerance: <math>\pm 0.1 \pm 0.04</math></p> <p>Schematic</p> <p>Input: - +      Output: o o</p>
AQAD Series 	 <p>General tolerance: <math>\pm 1.0 \pm 0.39</math></p> <p>Schematic</p> <p>Input power source: + -      Load power source: + -</p> <p>Mounting dimensions</p>

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