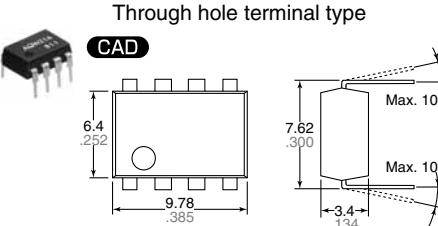
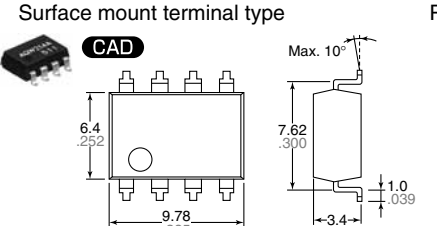
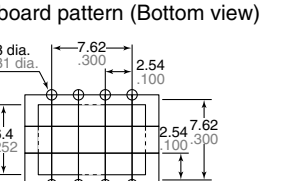
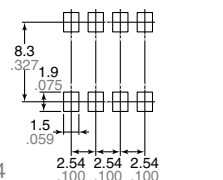
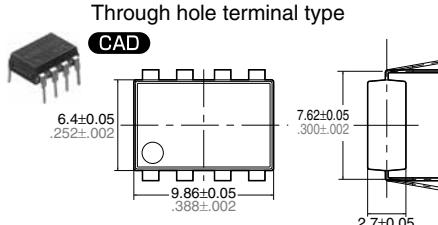
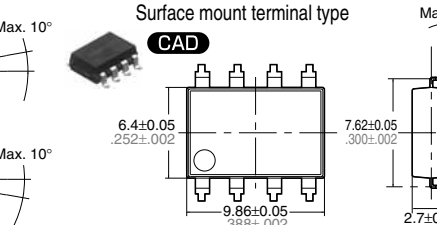
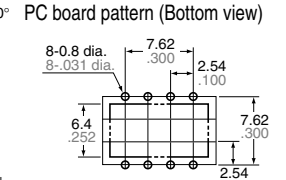
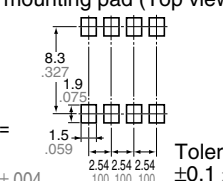
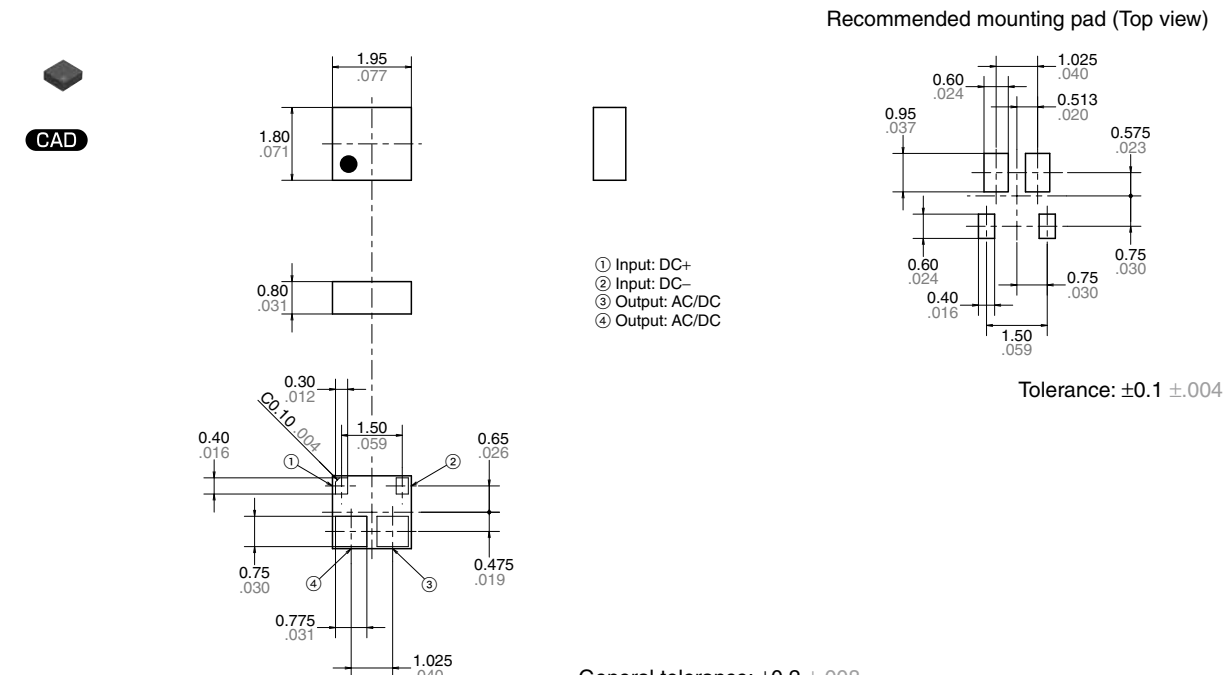


# PhotoMOS<sup>®</sup> Dimensions



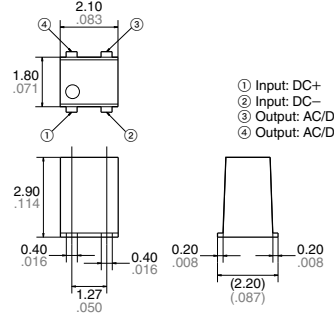
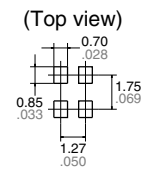


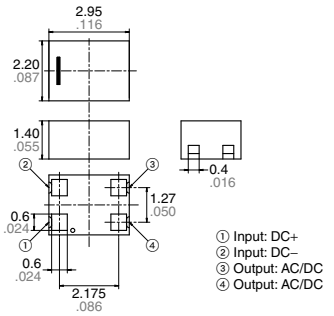
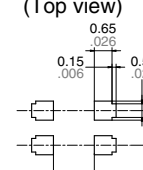


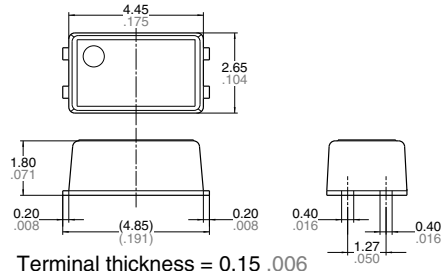
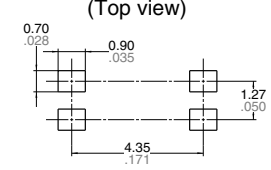


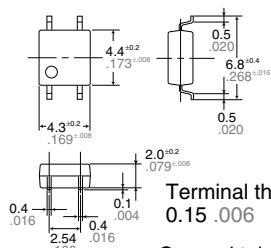
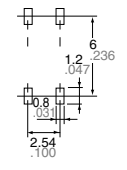


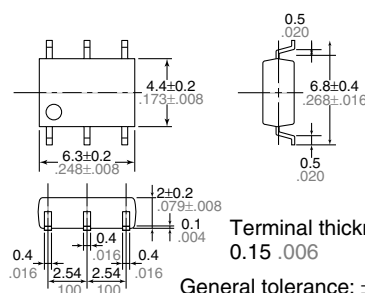
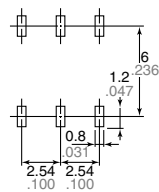
mm inch


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


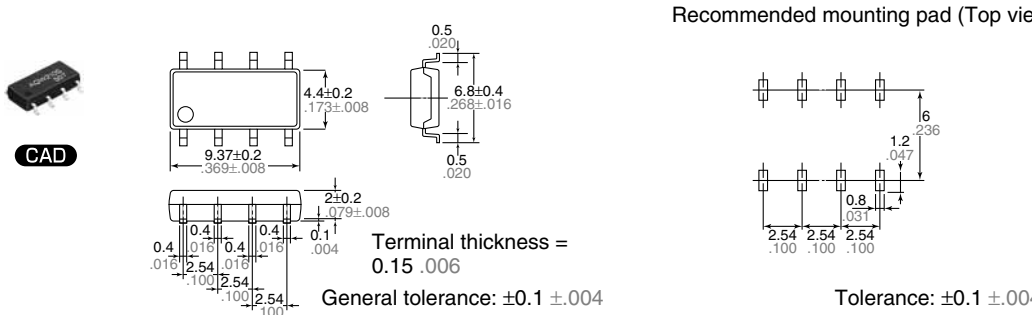

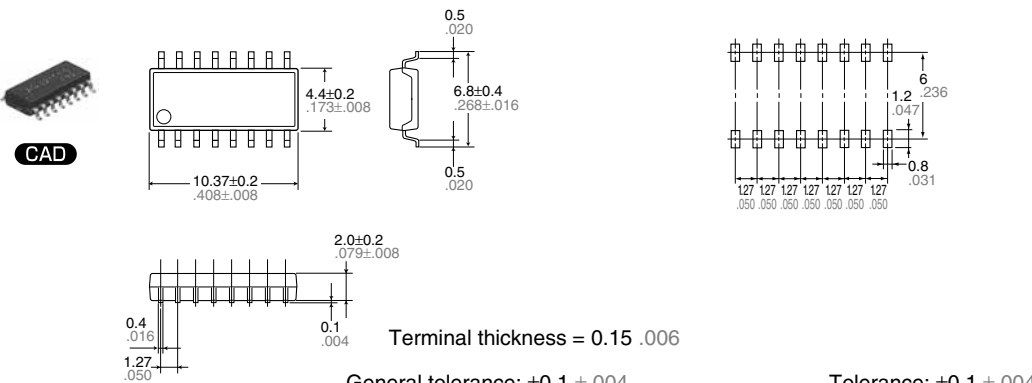

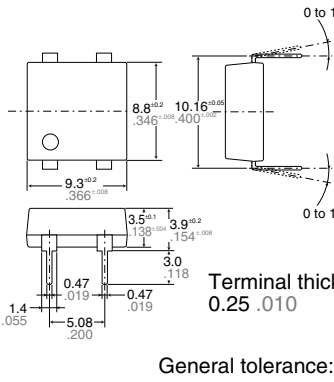

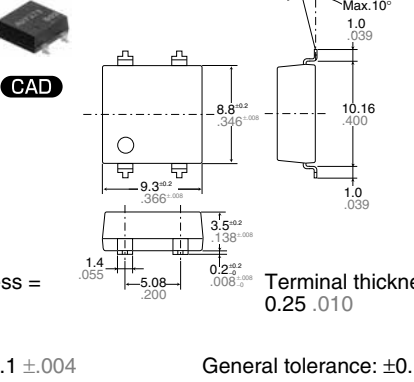
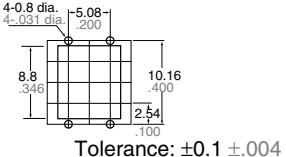
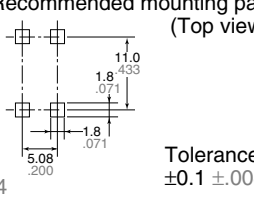

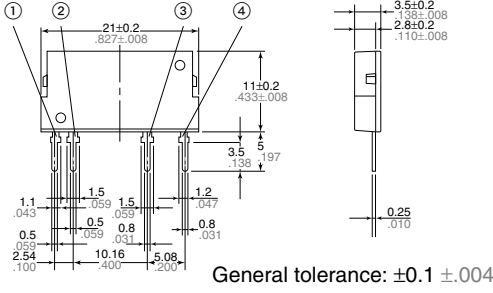
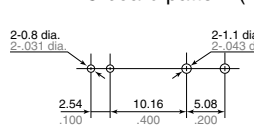
The CAD data of the products with a **CAD** mark can be downloaded from: <http://industrial.panasonic.com/ac/e/>

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>		


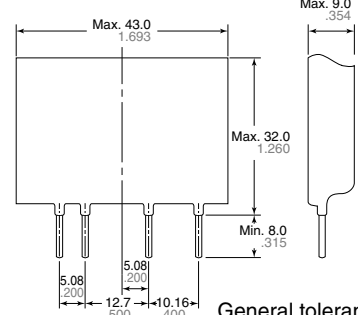

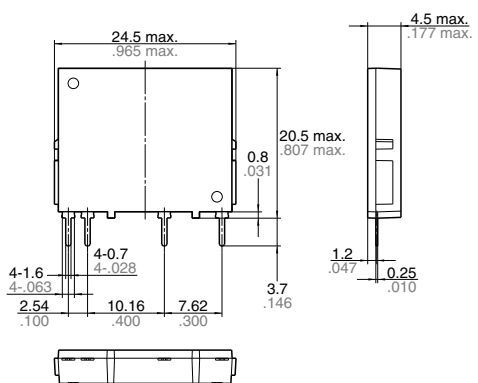

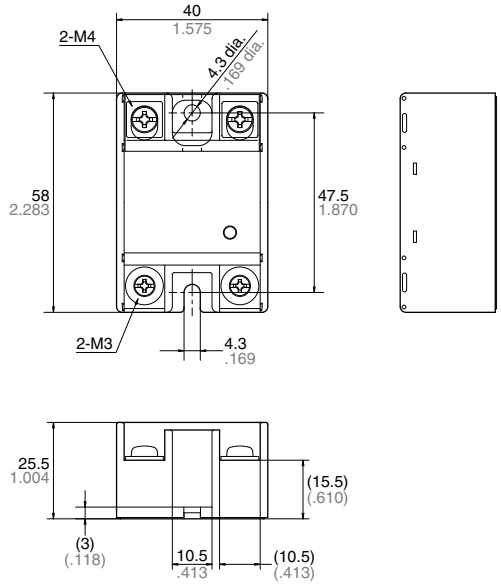
The CAD data of the products with a **CAD** mark can be downloaded from: <http://industrial.panasonic.com/ac/e/>

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>

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

Type	Dimensions		
AQW21(SOP) AQW22(SOP) AQW41(SOP) AQW61(SOP) Series	 		
AQS22(SOP) Series	 		
AQY27 (Power-DIP) Series	Through hole terminal type  	Surface mount terminal type  	PC board pattern (Bottom view)  Recommended mounting pad (Top view) 
AQZ10(SIL) AQZ20(SIL) AQZ40(SIL) Series	  PC board pattern (Bottom view)  AC/DC type ① Input: DC- ② Input: DC+ ③ Output: DC or AC ④ Output: DC or AC DC type ① Input: DC- ② Input: DC+ ③ Output: DC- ④ Output: DC+		

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

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>

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

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