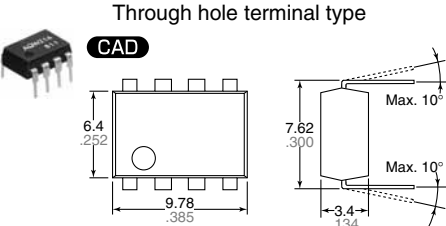
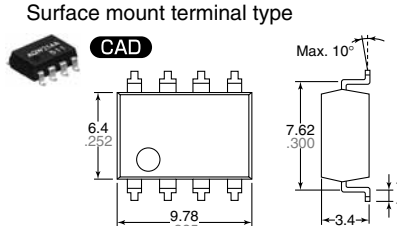
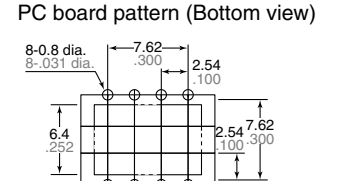
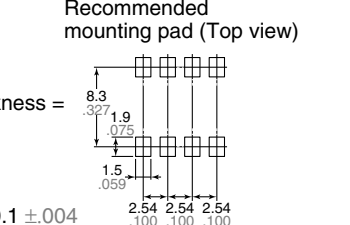
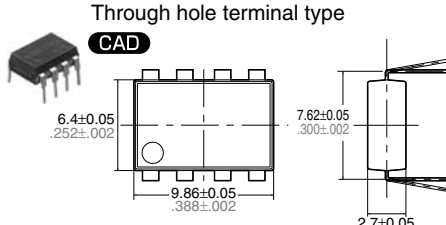
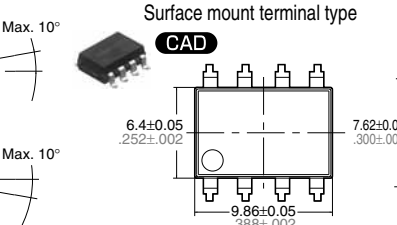
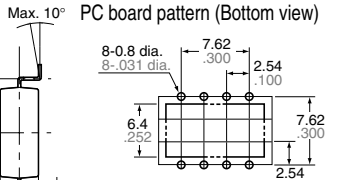
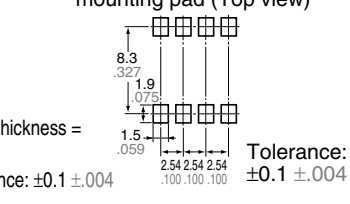
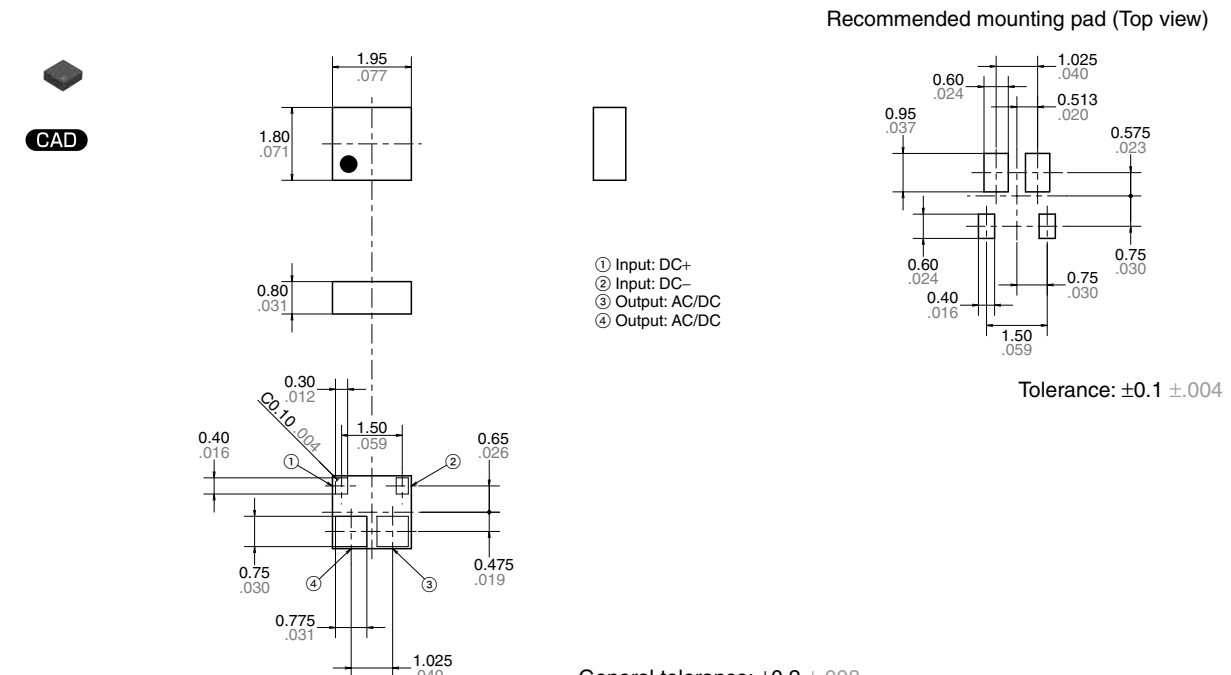


PhotoMOS® Dimensions


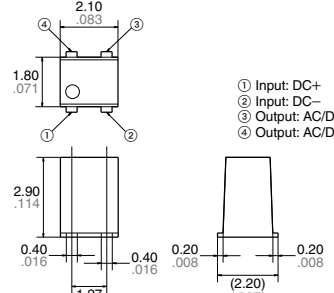
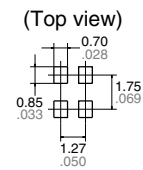

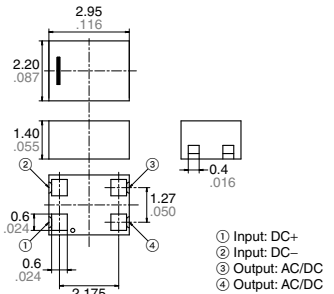
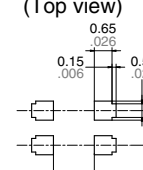

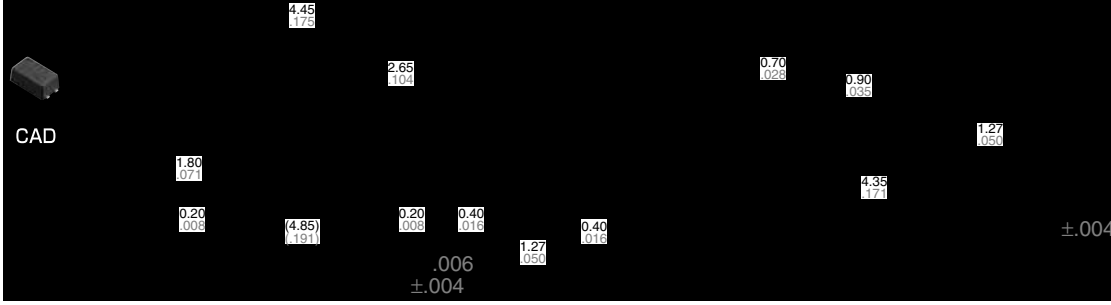

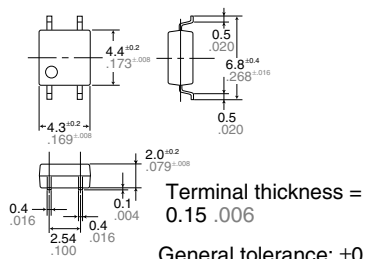
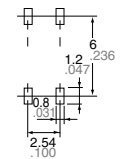

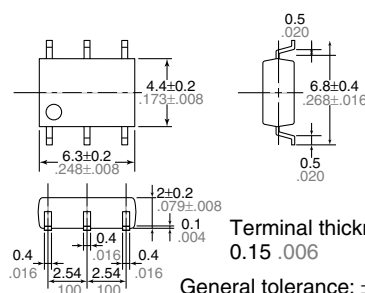
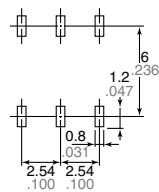
mm inch

Type	Dimensions			
AQY21(DIP) AQY41(DIP) Series	<p>Through hole terminal type</p> <p>Surface mount terminal type</p> <p>PC board pattern (Bottom view)</p> <p>Tolerance: $\pm 0.1 \pm .004$</p> <p>Recommended mounting pad (Top view)</p> <p>Tolerance: $\pm 0.1 \pm .004$</p> <p>Terminal thickness = 0.2 .008 General tolerance: $\pm 0.1 \pm .004$</p> <p>Terminal thickness = 0.2 .008 General tolerance: $\pm 0.1 \pm .004$</p>			
	AQV10(DIP) AQV11(DIP) AQV20(DIP) AQV21(DIP) AQV22(DIP) AQV23(DIP) AQV25(DIP) AQV41(DIP) AQV45(DIP) Series	<p>Through hole terminal type</p> <p>Surface mount terminal type</p> <p>PC board pattern (Bottom view)</p> <p>Tolerance: $\pm 0.1 \pm .004$</p> <p>Recommended mounting pad (Top view)</p> <p>Terminal thickness = 0.25 .010 General tolerance: $\pm 0.1 \pm .004$</p> <p>Terminal thickness = 0.25 .010 General tolerance: $\pm 0.1 \pm .004$</p>		
		<p>APV1122(DIP)</p> <p>Terminal thickness = 0.10 General tolerance: $\pm .004$</p> <p>Terminal thickness = 0.10 General tolerance: $\pm .004$</p> <p>General tolerance: $\pm .004$</p>		


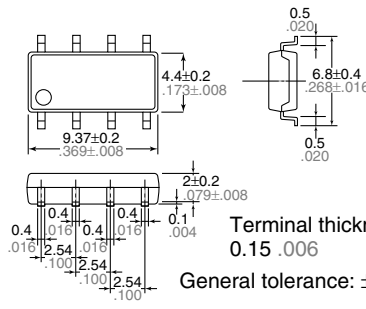
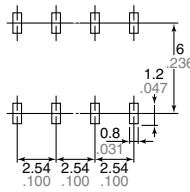

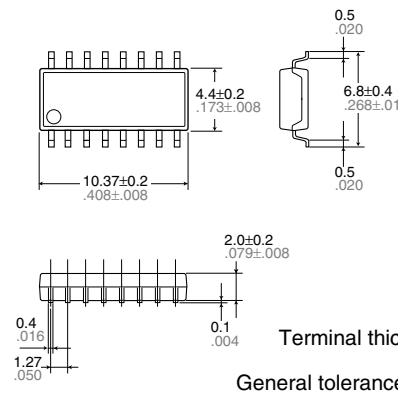
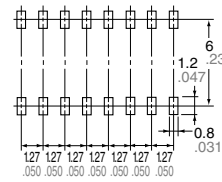

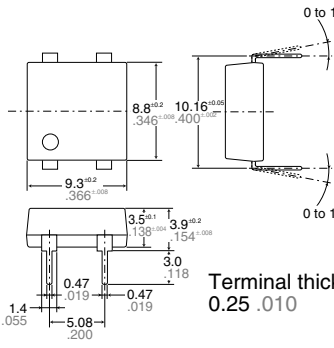

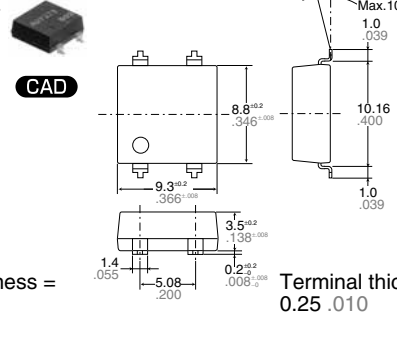
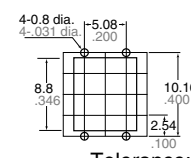
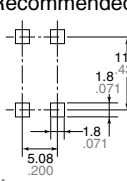

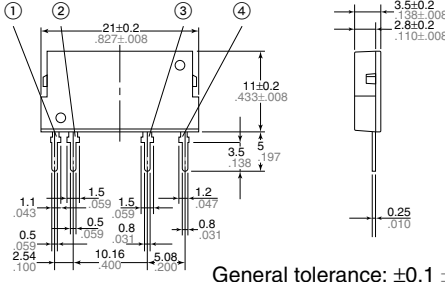
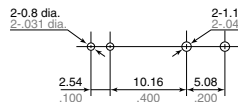
The CAD data of the products with a **CAD** mark can be downloaded from: <http://industrial.panasonic.com/ac/e/>

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


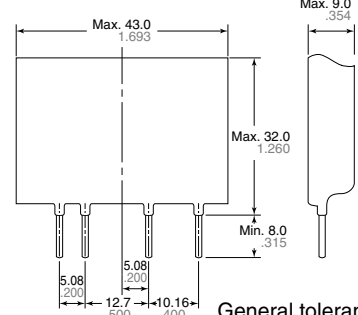

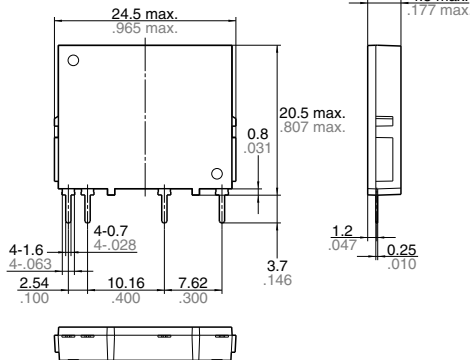

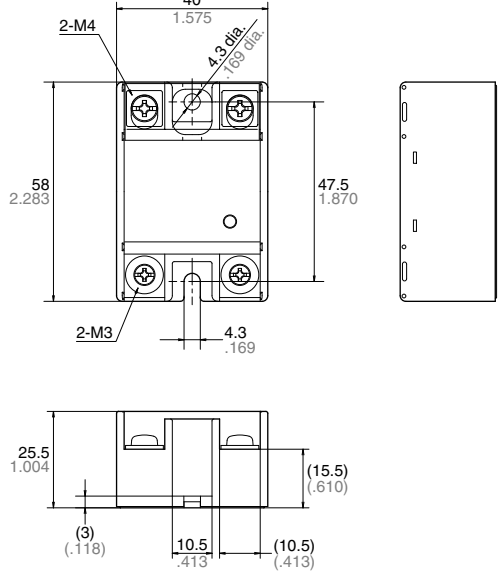
The CAD data of the products with a **CAD** mark can be downloaded from: <http://industrial.panasonic.com/ac/e/>

Type	Dimensions	
<p>AQY22(VSSOP) Series</p>  <p>CAD</p>	 <p>General tolerance: $\pm 0.1 \pm .004$</p>	<p>Recommended mounting pad (Top view)</p>  <p>Tolerance: $\pm 0.1 \pm .004$</p>
<p>AQY22(SON) Series</p>  <p>CAD</p>	 <p>General tolerance: $\pm 0.2 \pm .008$</p>	<p>Recommended mounting pad (Top view)</p>  <p>Tolerance: $\pm 0.1 \pm .004$</p>
<p>APV21(SSOP) AQY22(SSOP) Series</p>  <p>CAD</p>	 <p>General tolerance: $\pm .004$</p>	
<p>APV11(SOP) APV21(SOP) AQY21(SOP) AQY22(SOP) AQY23(SOP) AQY41(SOP) Series</p>  <p>CAD</p>	 <p>Terminal thickness = 0.15 .006</p> <p>General tolerance: $\pm 0.1 \pm .004$</p>	<p>Recommended mounting pad (Top view)</p>  <p>Tolerance: $\pm 0.1 \pm .004$</p>
<p>AQV21(SOP) AQV22(SOP) AQV25(SOP) AQV41(SOP) Series</p>  <p>CAD</p>	 <p>Terminal thickness = 0.15 .006</p> <p>General tolerance: $\pm 0.1 \pm .004$</p>	<p>Recommended mounting pad (Top view)</p>  <p>Tolerance: $\pm 0.1 \pm .004$</p>

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

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"> ① Input: DC- ② Input: DC+ ③ Output: DC or AC ④ Output: DC or AC <p>DC type</p> <ul style="list-style-type: none"> 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
<p>AQZ26(SIL) Series</p>  <p>CAD</p>	 <p>Max. 43.0 1.693</p> <p>Max. 32.0 1.260</p> <p>Min. 8.0 .315</p> <p>Max. 9.0 .354</p> <p>4-0.8 dia. 4-.031 dia.</p> <p>① Input: DC - ② Input: DC + ③ Output: AC or DC ④ Output: AC or DC</p> <p>Mounting hole location (Bottom view)</p> <p>Terminal 1 2 3 4</p> <p>27.94 1.100</p> <p>Copper foil</p> <p>2.54×2 .100×2</p> <p>2.54×5 .100×5</p> <p>2.54×4 .100×4</p> <p>4-1.2 dia. 4-.047</p> <p>General tolerance: $\pm 0.5 \pm 0.20$ Pitch tolerance: $\pm 0.1 \pm 0.04$</p>
<p>AQZ19(SIL) Series</p>  <p>CAD</p>	 <p>24.5 max. .965 max.</p> <p>4.5 max. .177 max.</p> <p>20.5 max. .807 max.</p> <p>0.8 .031</p> <p>4-1.6 4-.063</p> <p>4-0.7 4-.028</p> <p>2.54 .100</p> <p>10.16 .400</p> <p>7.62 .300</p> <p>3.7 .146</p> <p>1.2 .047</p> <p>0.25 .010</p> <p>PC board pattern (Bottom view)</p> <p>1.2 .047</p> <p>2.54 .100</p> <p>10.16 .400</p> <p>7.62 .300</p> <p>4-1.0 dia. 4-.039 dia.</p> <p>Tolerance: $\pm 0.1 \pm 0.04$</p> <p>Schematic</p> <p>Input Output</p> <p>- + - +</p> <p>o o o o</p> <p>General tolerance: $\pm 0.2 \pm 0.08$</p>
<p>AQAD Series</p>  <p>CAD</p>	 <p>40 1.575</p> <p>2-M4</p> <p>4.3 dia. 1.693 dia.</p> <p>58 2.283</p> <p>47.5 1.870</p> <p>2-M3</p> <p>4.3 .169</p> <p>25.5 1.004</p> <p>(3) (.118)</p> <p>10.5 .413</p> <p>(10.5) (.413)</p> <p>(15.5) (.610)</p> <p>Schematic</p> <p>Input power source</p> <p>④ - ③ +</p> <p>① Load ② Load</p> <p>Load power source</p> <p>① - ② +</p> <p>Load power source</p> <p>(Load)</p> <p>Mounting dimensions</p> <p>47.5^{±.31} 1.870^{±.008}</p> <p>2-4.3 dia. or M4 2-.069 dia. or M4</p> <p>General tolerance: $\pm 1.0 \pm 0.39$</p>

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