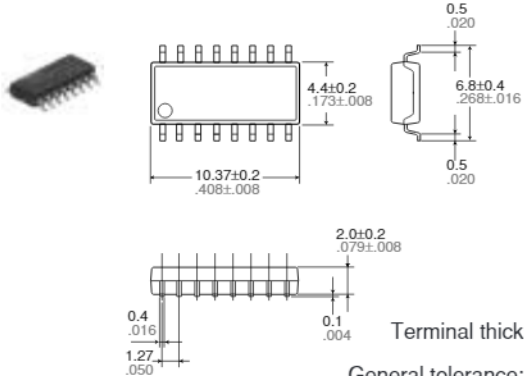
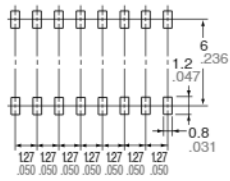
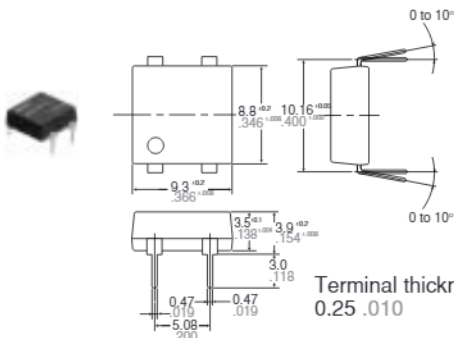
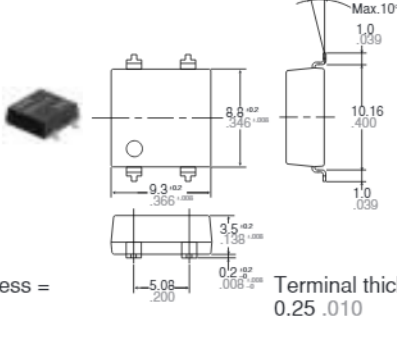
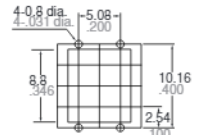
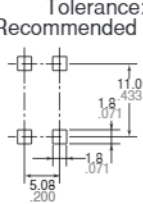
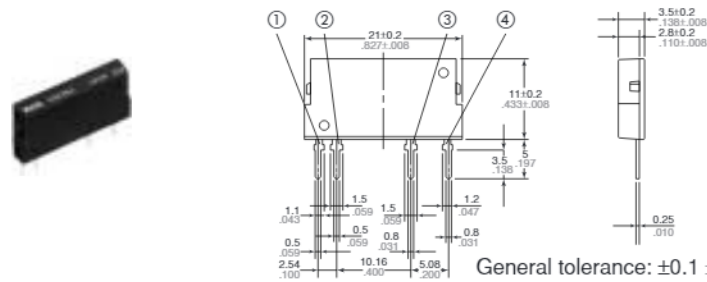
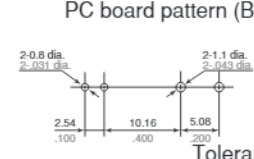

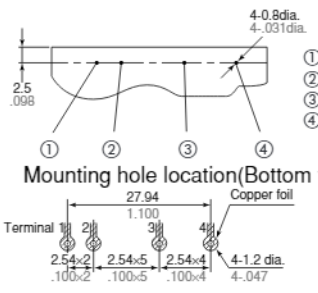


# PhotoMOS Relay Dimensions

mm inch

Type	Dimensions		
<b>AQY21</b> <b>AQY41</b> Series	<p>Through hole terminal type</p>	<p>Surface mount terminal type</p>	<p>PC board pattern (Bottom view)</p>
	<p>Terminal thickness = 0.2 .008</p> <p>General tolerance: ±0.1 ±0.04</p>	<p>Terminal thickness = 0.2 .008</p> <p>General tolerance: ±0.1 ±0.04</p>	<p>Mounting pad (Top view)</p> <p>Tolerance: ±0.1 ±0.04</p>
<b>AQV10</b> <b>AQV20</b> <b>AQV21</b> <b>AQV22</b> <b>AQV23</b> <b>AQV25</b> <b>AQV41</b> <b>AQV45</b> Series	<p>Through hole terminal type</p>	<p>Surface mount terminal type</p>	<p>PC board pattern (Bottom view)</p>
	<p>Terminal thickness = 0.25 .010</p> <p>General tolerance: ±0.1 ±0.04</p>	<p>Terminal thickness = 0.25 .010</p> <p>General tolerance: ±0.1 ±0.04</p>	<p>Recommended mounting pad (Top view)</p> <p>Tolerance: ±0.1 ±0.04</p>
<b>APV1122</b> Series	<p>Through hole terminal type</p>	<p>Surface mount terminal type</p>	<p>PC board pattern (Bottom view)</p>
	<p>Terminal thickness = 0.25 .010</p> <p>General tolerance: ±0.1 ±0.04</p>	<p>Terminal thickness = 0.25 .010</p> <p>General tolerance: ±0.1 ±0.04</p>	<p>Recommended mounting pad (Top view)</p> <p>Tolerance: ±0.1 ±0.04</p>
<b>AQW21</b> <b>AQW22</b> <b>AQW25</b> <b>AQW41</b> <b>AQW45</b> <b>AQW61</b> <b>AQW65</b> Series	<p>Through hole terminal type</p>	<p>Surface mount terminal type</p>	<p>PC board pattern (Bottom view)</p>
	<p>Terminal thickness = 0.25 .010</p> <p>General tolerance: ±0.1 ±0.04</p>	<p>Terminal thickness = 0.25 .010</p> <p>General tolerance: ±0.1 ±0.04</p>	<p>Recommended mounting pad (Top view)</p> <p>Tolerance: ±0.1 ±0.04</p>

Type	Dimensions		
<p>AQW21OEH AQW21OHL AQW41OEH AQW61OEH Series</p>	<p>Through hole terminal type</p> <p>Terminal thickness = 0.2 .008 General tolerance: ±0.1 ±.004</p>	<p>Surface mount terminal type</p> <p>Terminal thickness = 0.2 .008 General tolerance: ±0.1 ±.004</p>	<p>PC board pattern (Bottom view)</p> <p>Tolerance: ±0.1 ±.004</p> <p>Mounting pad (Top view)</p> <p>Tolerance: ±0.1 ±.004</p>
<p>APV21 (SSOP) AQY22 (SSOP) Series</p>	<p>Terminal thickness = 0.15 .006 General tolerance: ±0.5 ±.020</p>		<p>Recommended mounting pad (TOP VIEW)</p> <p>Tolerance: ±0.1 ±.004</p>
<p>APV21(SOP) APV11(SOP) AQY21(SOP) AQY22(SOP) AQY41(SOP) Series</p>	<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>
<p>AQV21(SOP) AQV22(SOP) AQV41(SOP) Series</p>	<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>
<p>AQW21(SOP) AQW61(SOP) Series</p>	<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>

Type	Dimensions		
AQS22(SOP) Series	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>4.4±0.2 .173±.008</p> <p>10.37±0.2 .406±.008</p> <p>6.8±0.4 .268±.016</p> <p>0.5 .020</p> <p>0.5 .020</p> </div> <div style="text-align: center;"> <p>Recommended mounting pad (Top view)</p>  <p>6 .236</p> <p>1.2 .047</p> <p>0.8 .031</p> <p>1.27 .050</p> <p>0.4 .016</p> <p>2.0±0.2 .079±.008</p> <p>0.1 .004</p> <p>Terminal thickness = 0.15 .006</p> <p>General tolerance: ±0.1 ±.004</p> </div> <div style="text-align: center;"> <p>Tolerance: ±0.1 ±.004</p> </div> </div>		
AQY27 Series	<p>Through hole terminal type</p>  <p>8.8±0.2 .346</p> <p>10.16±0.05 .400</p> <p>9.3±0.2 .366</p> <p>3.5±0.1 .138</p> <p>3.9±0.2 .154</p> <p>3.0 .118</p> <p>0.47±0.019 .019</p> <p>0.47±0.019 .019</p> <p>5.08±0.2 .200</p> <p>Terminal thickness = 0.25 .010</p> <p>General tolerance: ±0.1 ±.004</p>	<p>Surface mount terminal type</p>  <p>8.8±0.2 .346</p> <p>10.16±0.05 .400</p> <p>9.3±0.2 .366</p> <p>3.5±0.2 .138</p> <p>0.2±0.02 .008</p> <p>5.08±0.2 .200</p> <p>1.0±0.039 .039</p> <p>Max. 10°</p> <p>Terminal thickness = 0.25 .010</p> <p>General tolerance: ±0.1 ±.004</p>	<p>PC board pattern (Bottom view)</p>  <p>4.0 dia. 4.031 dia.</p> <p>5.08±0.2 .200</p> <p>1.0 .039</p> <p>8.8±0.2 .346</p> <p>10.16±0.05 .400</p> <p>2.54±0.1 .100</p> <p>Tolerance: ±0.1 ±.004</p> <p>Recommended mounting pad (Top view)</p>  <p>11.0±0.433 .433</p> <p>1.8±0.071 .071</p> <p>5.08±0.2 .200</p> <p>Tolerance: ±0.1 ±.004</p>
AQZ10 AQZ20 AQZ40 Series	 <p>21±0.2 .827±.008</p> <p>11±0.2 .433±.008</p> <p>3.5±0.2 .138±.008</p> <p>2.8±0.2 .110±.008</p> <p>1.1±0.045 .045</p> <p>1.5±0.059 .059</p> <p>1.5±0.059 .059</p> <p>0.8±0.031 .031</p> <p>0.8±0.031 .031</p> <p>2.54±0.1 .100</p> <p>10.16±0.4 .400</p> <p>5.08±0.2 .200</p> <p>3.5±0.197 .138</p> <p>9 .354</p> <p>0.25±0.010 .010</p> <p>General tolerance: ±0.1 ±.004</p> <p>PC board pattern (Bottom view)</p>  <p>2.08 dia. 2.031 dia.</p> <p>2.1 dia. 2.043 dia.</p> <p>2.54±0.1 .100</p> <p>10.16±0.4 .400</p> <p>5.08±0.2 .200</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>		
AQZ26 Series	 <p>Max. 43.0 1.693</p> <p>Max. 9.0 .354</p> <p>Max. 32.0 1.260</p> <p>Min. 8.0 .315</p> <p>5.08±0.2 .200</p> <p>12.7±0.5 .500</p> <p>10.16±0.4 .400</p> <p>General tolerance ±0.5 ±.020</p> <p>Mounting hole location (Bottom view)</p>  <p>4.0 dia. 4.031 dia.</p> <p>2.5±0.098 .098</p> <p>27.94±0.1100 1.100</p> <p>1.100±0.047 .047</p> <p>2.54±0.2 .100±.002</p> <p>2.54±0.5 .100±.005</p> <p>2.54±0.4 .100±.004</p> <p>4.12 dia. 4.047</p> <p>Copper foil</p> <ul style="list-style-type: none"> <li>① Input: DC -</li> <li>② Input: DC +</li> <li>③ Output : AC or DC</li> <li>④ Output : AC or DC</li> </ul> <p>Pitch tolerance: ±0.1 ±.004</p>		

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