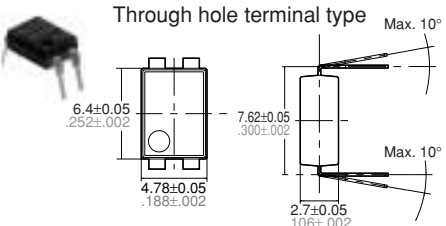
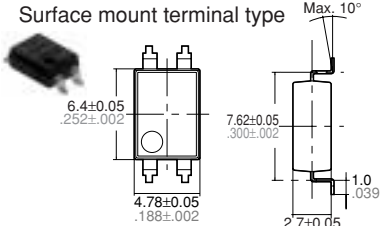
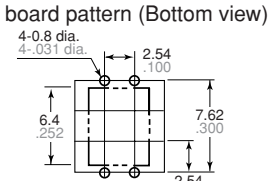
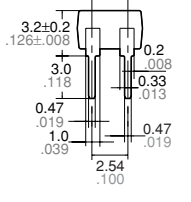
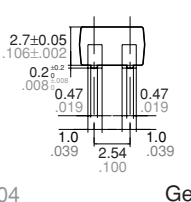
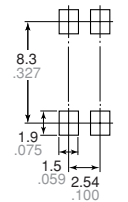
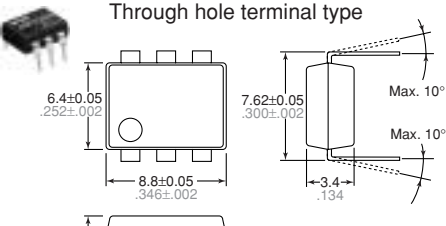
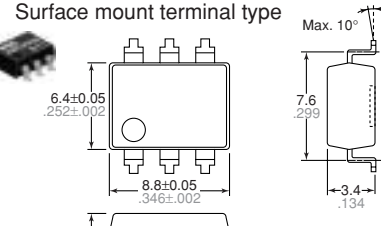
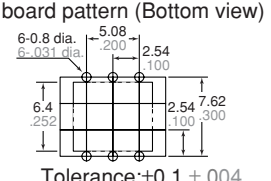
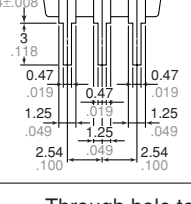
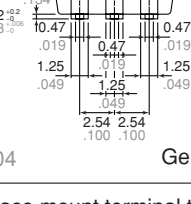
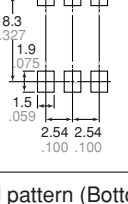
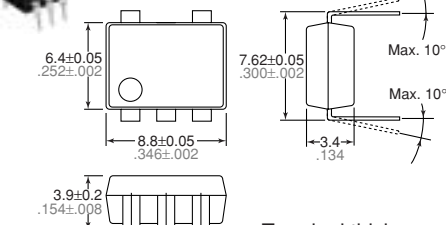
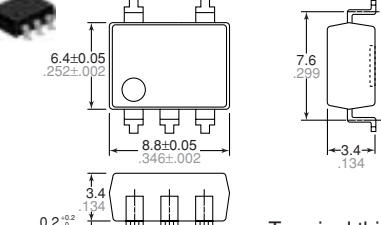
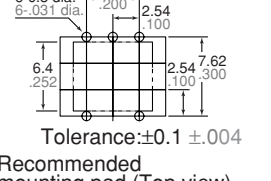
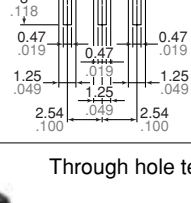
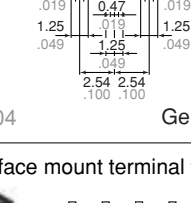
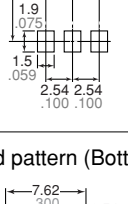
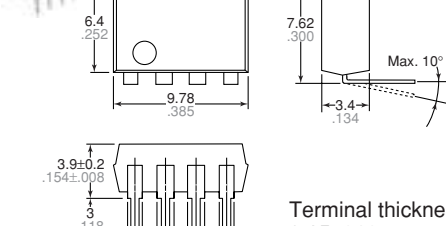
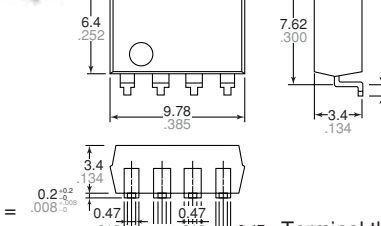
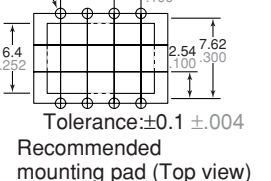
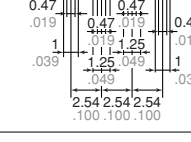
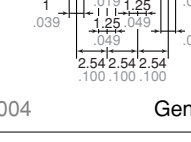
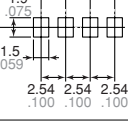


# PhotoMOS Relay Dimensions

mm inch

Type	Dimensions		
<b>AQY21</b> <b>AQY41</b> Series	 <p>Through hole terminal type</p> <p>Max. 10°</p> <p>6.4±0.05 .252±.002</p> <p>7.62±0.05 .300±.002</p> <p>4.78±0.05 .188±.002</p> <p>2.7±0.05 .106±.002</p>	 <p>Surface mount terminal type</p> <p>Max. 10°</p> <p>6.4±0.05 .252±.002</p> <p>7.62±0.05 .300±.002</p> <p>4.78±0.05 .188±.002</p> <p>2.7±0.05 .106±.002</p> <p>1.0 .039</p>	 <p>PC board pattern (Bottom view)</p> <p>4-0.8 dia. 4-.031 dia.</p> <p>2.54 .100</p> <p>6.4 .252</p> <p>7.62 .300</p> <p>2.54 .100</p>
	 <p>Terminal thickness = 0.2 .008</p> <p>General tolerance: ±0.1 ±.004</p>	 <p>Terminal thickness = 0.2 .008</p> <p>General tolerance: ±0.1 ±.004</p>	 <p>Mounting pad (Top view)</p> <p>8.3 .327</p> <p>1.9 .075</p> <p>1.5 .059</p> <p>2.54 .100</p> <p>Tolerance: ±0.1 ±.004</p>
	<p>General tolerance: ±0.1 ±.004</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>Max. 10°</p> <p>6.4±0.05 .252±.002</p> <p>7.62±0.05 .300±.002</p> <p>8.8±0.05 .346±.002</p> <p>3.4 .134</p>	 <p>Surface mount terminal type</p> <p>Max. 10°</p> <p>6.4±0.05 .252±.002</p> <p>7.6 .299</p> <p>8.8±0.05 .346±.002</p> <p>3.4 .134</p>	 <p>PC board pattern (Bottom view)</p> <p>6-0.8 dia. 6-.031 dia.</p> <p>5.08 .200</p> <p>2.54 .100</p> <p>6.4 .252</p> <p>7.62 .300</p> <p>2.54 .100</p>
	 <p>Terminal thickness = 0.25 .010</p> <p>General tolerance: ±0.1 ±.004</p>	 <p>Terminal thickness = 0.25 .010</p> <p>General tolerance: ±0.1 ±.004</p>	 <p>Recommended mounting pad (Top view)</p> <p>8.3 .327</p> <p>1.9 .075</p> <p>1.5 .059</p> <p>2.54 .100</p> <p>2.54 .100</p> <p>Tolerance: ±0.1 ±.004</p>
	<p>General tolerance: ±0.1 ±.004</p>		
<b>APV1122</b> Series	 <p>Through hole terminal type</p> <p>Max. 10°</p> <p>6.4±0.05 .252±.002</p> <p>7.62±0.05 .300±.002</p> <p>8.8±0.05 .346±.002</p> <p>3.4 .134</p>	 <p>Surface mount terminal type</p> <p>Max. 10°</p> <p>6.4±0.05 .252±.002</p> <p>7.6 .299</p> <p>8.8±0.05 .346±.002</p> <p>3.4 .134</p>	 <p>PC board pattern (Bottom view)</p> <p>6-0.8 dia. 6-.031 dia.</p> <p>5.08 .200</p> <p>2.54 .100</p> <p>6.4 .252</p> <p>7.62 .300</p> <p>2.54 .100</p>
	 <p>Terminal thickness = 0.25 .010</p> <p>General tolerance: ±0.1 ±.004</p>	 <p>Terminal thickness = 0.25 .010</p> <p>General tolerance: ±0.1 ±.004</p>	 <p>Recommended mounting pad (Top view)</p> <p>8.3 .327</p> <p>1.9 .075</p> <p>1.5 .059</p> <p>2.54 .100</p> <p>2.54 .100</p> <p>Tolerance: ±0.1 ±.004</p>
	<p>General tolerance: ±0.1 ±.004</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>Max. 10°</p> <p>6.4 .252</p> <p>7.62 .300</p> <p>9.78 .385</p> <p>3.4 .134</p>	 <p>Surface mount terminal type</p> <p>Max. 10°</p> <p>6.4 .252</p> <p>7.62 .300</p> <p>9.78 .385</p> <p>3.4 .134</p>	 <p>PC board pattern (Bottom view)</p> <p>8-0.8 dia. 8-.031 dia.</p> <p>7.62 .300</p> <p>2.54 .100</p> <p>6.4 .252</p> <p>7.62 .300</p> <p>2.54 .100</p>
	 <p>Terminal thickness = 0.25 .010</p> <p>General tolerance: ±0.1 ±.004</p>	 <p>Terminal thickness = 0.25 .010</p> <p>General tolerance: ±0.1 ±.004</p>	 <p>Recommended mounting pad (Top view)</p> <p>8.3 .327</p> <p>1.9 .075</p> <p>1.5 .059</p> <p>2.54 .100</p> <p>2.54 .100</p> <p>2.54 .100</p> <p>Tolerance: ±0.1 ±.004</p>
	<p>General tolerance: ±0.1 ±.004</p>		

Type	Dimensions		
<p>AQW21<math>\overline{\text{OEH}}</math> AQW21<math>\overline{\text{OHL}}</math> AQW41<math>\overline{\text{OEH}}</math> AQW61<math>\overline{\text{OEH}}</math> Series</p>	<p>Through hole terminal type</p> <p>Terminal thickness = 0.2 .008 General tolerance: <math>\pm 0.1 \pm .004</math></p>	<p>Surface mount terminal type</p> <p>Terminal thickness = 0.2 .008 General tolerance: <math>\pm 0.1 \pm .004</math></p>	<p>PC board pattern (Bottom view)</p> <p>Tolerance: <math>\pm 0.1 \pm .004</math></p> <p>Mounting pad (Top view)</p> <p>Tolerance: <math>\pm 0.1 \pm .004</math></p>
<p>APV21 (SSOP) AQY22 (SSOP) Series</p>	<p>Recommended mounting pad (TOP VIEW)</p> <p>Terminal thickness = 0.15 .006 General tolerance: <math>\pm 0.5 \pm .020</math></p> <p>Tolerance: <math>\pm 0.1 \pm .004</math></p>		
<p>APV21(SOP) APV11(SOP) AQY21(SOP) AQY22(SOP) AQY41(SOP) Series</p>	<p>Recommended mounting pad (Top view)</p> <p>Terminal thickness = 0.15 .006 General tolerance: <math>\pm 0.1 \pm .004</math></p> <p>Tolerance: <math>\pm 0.1 \pm .004</math></p>		
<p>AQV21(SOP) AQV22(SOP) AQV41(SOP) Series</p>	<p>Recommended mounting pad (Top view)</p> <p>Terminal thickness = 0.15 .006 General tolerance: <math>\pm 0.1 \pm .004</math></p> <p>Tolerance: <math>\pm 0.1 \pm .004</math></p>		
<p>AQW21(SOP) AQW61(SOP) Series</p>	<p>Recommended mounting pad (Top view)</p> <p>Terminal thickness = 0.15 .006 General tolerance: <math>\pm 0.1 \pm .004</math></p> <p>Tolerance: <math>\pm 0.1 \pm .004</math></p>		

Type	Dimensions
<p>AQS22(SOP) Series</p>	<p style="text-align: right;">Recommended mounting pad (Top view)</p> <p>Terminal thickness = 0.15 .006 General tolerance: <math>\pm 0.1 \pm .004</math>      Tolerance: <math>\pm 0.1 \pm .004</math></p>
<p>AQY27 Series</p>	<p>Through hole terminal type      Surface mount terminal type      PC board pattern (Bottom view)</p> <p>Terminal thickness = 0.25 .010      Terminal thickness = 0.25 .010      Tolerance: <math>\pm 0.1 \pm .004</math></p> <p>General tolerance: <math>\pm 0.1 \pm .004</math>      General tolerance: <math>\pm 0.1 \pm .004</math>      Tolerance: <math>\pm 0.1 \pm .004</math></p>
<p>AQZ10 AQZ20 AQZ40 Series</p>	<p>PC board pattern (Bottom view)</p> <p>General tolerance: <math>\pm 0.1 \pm .004</math></p> <p>AC/DC type      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> <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>
<p>AQZ26 Series</p>	<p>Mounting hole location (Bottom view)</p> <p>General tolerance <math>\pm 0.5 \pm .020</math>      Pitch tolerance: <math>\pm 0.1 \pm .004</math></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>