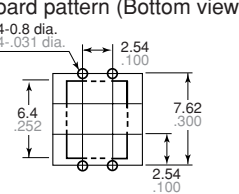
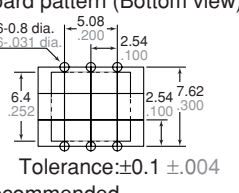
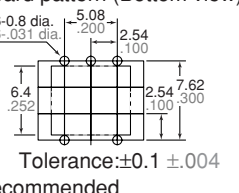
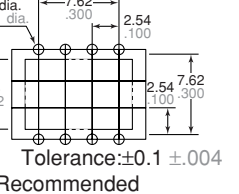
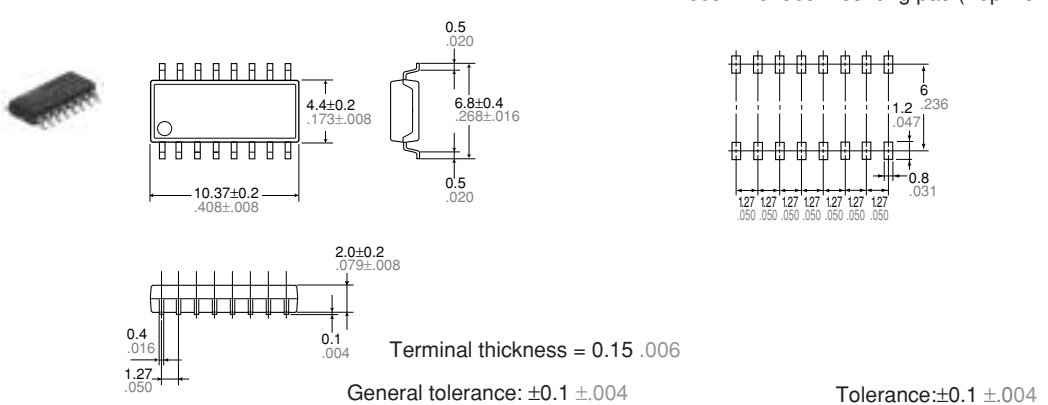
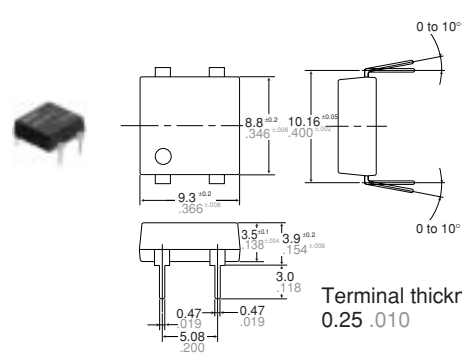
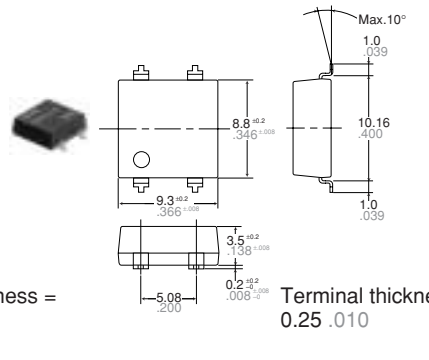
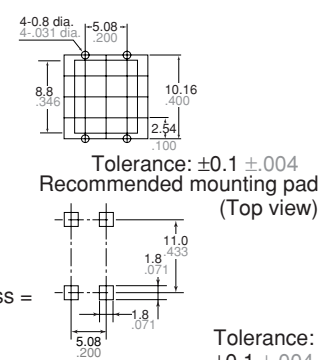
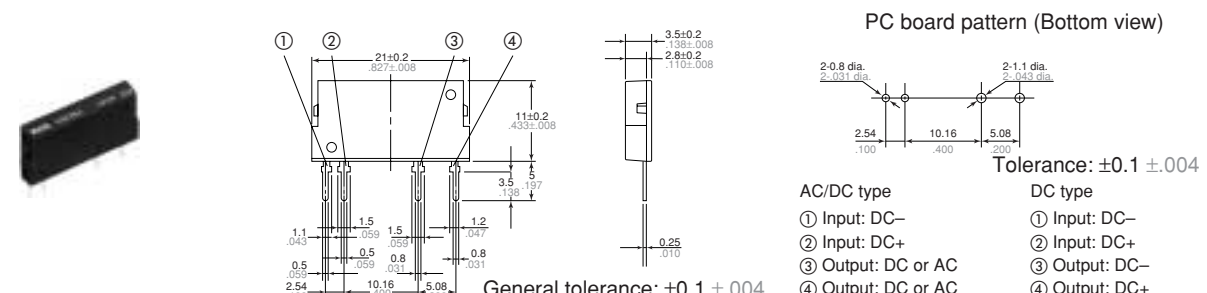
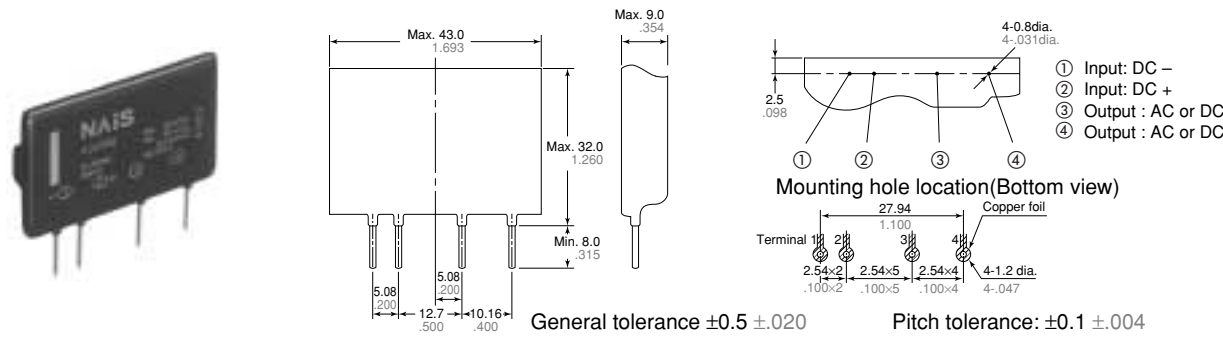


PhotoMOS Relay Dimensions

mm inch

Type	Dimensions		
AQY21 AQY41 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>3.2±0.2 .126±.008</p> <p>3.0 .118</p> <p>0.2 .008</p> <p>0.33 .013</p> <p>0.47 .019</p> <p>1.0 .039</p> <p>2.54 .100</p> <p>Terminal thickness = 0.2 .008</p> <p>General tolerance: ±0.1 ±.004</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>2.7±0.05 .106±.002</p> <p>0.2±.02 .008±.003</p> <p>0.47 .019</p> <p>0.47 .019</p> <p>1.0 .039</p> <p>2.54 .100</p> <p>Terminal thickness = 0.2 .008</p> <p>General tolerance: ±0.1 ±.004</p>	 <p>PC board pattern (Bottom view)</p> <p>4-0.8 dia. 4-.031 dia.</p> <p>2.54 .100</p> <p>7.62 .300</p> <p>2.54 .100</p> <p>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>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>3.9±0.2 .154±.008</p> <p>3 .118</p> <p>0.47 .019</p> <p>0.47 .019</p> <p>0.47 .019</p> <p>1.25 .049</p> <p>1.25 .049</p> <p>2.54 .100</p> <p>2.54 .100</p> <p>Terminal thickness = 0.25 .010</p> <p>General tolerance: ±0.1 ±.004</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>8.8±0.05 .346±.002</p> <p>3.4 .134</p> <p>3.9±0.2 .154±.008</p> <p>3 .118</p> <p>0.47 .019</p> <p>0.47 .019</p> <p>0.47 .019</p> <p>1.25 .049</p> <p>1.25 .049</p> <p>2.54 .100</p> <p>2.54 .100</p> <p>Terminal thickness = 0.25 .010</p> <p>General tolerance: ±0.1 ±.004</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>7.62 .300</p> <p>2.54 .100</p> <p>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>
APV1122 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>3.9±0.2 .154±.008</p> <p>3 .118</p> <p>0.47 .019</p> <p>0.47 .019</p> <p>0.47 .019</p> <p>1.25 .049</p> <p>1.25 .049</p> <p>2.54 .100</p> <p>2.54 .100</p> <p>Terminal thickness = 0.25 .010</p> <p>General tolerance: ±0.1 ±.004</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>8.8±0.05 .346±.002</p> <p>3.4 .134</p> <p>3.9±0.2 .154±.008</p> <p>3 .118</p> <p>0.47 .019</p> <p>0.47 .019</p> <p>0.47 .019</p> <p>1.25 .049</p> <p>1.25 .049</p> <p>2.54 .100</p> <p>2.54 .100</p> <p>Terminal thickness = 0.25 .010</p> <p>General tolerance: ±0.1 ±.004</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>7.62 .300</p> <p>2.54 .100</p> <p>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>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>3.9±0.2 .154±.008</p> <p>3 .118</p> <p>0.47 .019</p> <p>0.47 .019</p> <p>0.47 .019</p> <p>1.25 .049</p> <p>1.25 .049</p> <p>2.54 .100</p> <p>2.54 .100</p> <p>2.54 .100</p> <p>Terminal thickness = 0.25 .010</p> <p>General tolerance: ±0.1 ±.004</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>3.9±0.2 .154±.008</p> <p>3 .118</p> <p>0.47 .019</p> <p>0.47 .019</p> <p>0.47 .019</p> <p>1.25 .049</p> <p>1.25 .049</p> <p>2.54 .100</p> <p>2.54 .100</p> <p>2.54 .100</p> <p>Terminal thickness = 0.25 .010</p> <p>General tolerance: ±0.1 ±.004</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>7.62 .300</p> <p>2.54 .100</p> <p>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>

Type	Dimensions		
AQW21○EH AQW21○HL AQW41○EH AQW61○EH Series	<div> <p>Through hole terminal type</p> <p>Max. 10°</p> <p>Max. 10°</p> <p>Terminal thickness = 0.2 .008</p> <p>General tolerance: ±0.1 ±.004</p> </div> <div> <p>Surface mount terminal type</p> <p>Max. 10°</p> <p>Terminal thickness = 0.2 .008</p> <p>General tolerance: ±0.1 ±.004</p> </div> <div> <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> </div>		
APV21 (SSOP) AQY22 (SSOP) Series	<div> <p>Terminal thickness = 0.15 .006</p> <p>General tolerance: ±0.5 ±.020</p> </div> <div> <p>Recommended mounting pad (TOP VIEW)</p> <p>Tolerance: ±0.1 ±.004</p> </div>		
APV21(SOP) APV11(SOP) AQY21(SOP) AQY22(SOP) AQY41(SOP) Series	<div> <p>Terminal thickness = 0.15 .006</p> <p>General tolerance: ±0.1 ±.004</p> </div> <div> <p>Recommended mounting pad (Top view)</p> <p>Tolerance: ±0.1 ±.004</p> </div>		
AQV21(SOP) AQV22(SOP) AQV41(SOP) Series	<div> <p>Terminal thickness = 0.15 .006</p> <p>General tolerance: ±0.1 ±.004</p> </div> <div> <p>Recommended mounting pad (Top view)</p> <p>Tolerance: ±0.1 ±.004</p> </div>		
AQW21(SOP) AQW61(SOP) Series	<div> <p>Terminal thickness = 0.15 .006</p> <p>General tolerance: ±0.1 ±.004</p> </div> <div> <p>Recommended mounting pad (Top view)</p> <p>Tolerance: ±0.1 ±.004</p> </div>		

Type	Dimensions		
AQZ22(SOP) Series	Recommended mounting pad (Top view)		
	 <p>Terminal thickness = 0.15 ±.006</p> <p>General tolerance: ±0.1 ±.004</p> <p>Tolerance: ±0.1 ±.004</p>		
AQY27 Series	Through hole terminal type	Surface mount terminal type	PC board pattern (Bottom view)
	 <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>Tolerance: ±0.1 ±.004</p> <p>Recommended mounting pad (Top view)</p> <p>Tolerance: ±0.1 ±.004</p>
AQZ10 AQZ20 AQZ40 Series	PC board pattern (Bottom view)		
	 <p>General tolerance: ±0.1 ±.004</p> <p>AC/DC type</p> <p>① Input: DC- ② Input: DC+ ③ Output: DC or AC ④ Output: DC or AC</p> <p>DC type</p> <p>① Input: DC- ② Input: DC+ ③ Output: DC- ④ Output: DC+</p>		
AQZ26 Series	Mounting hole location (Bottom view)		
	 <p>General tolerance ±0.5 ±.020</p> <p>Pitch tolerance: ±0.1 ±.004</p>		