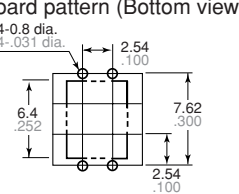
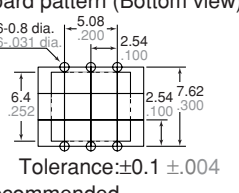
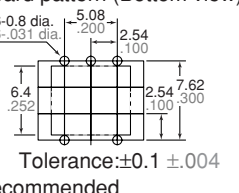
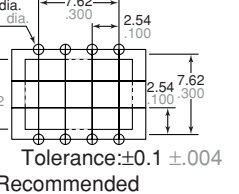


PhotoMOS Relay Dimensions

mm inch

Type	Dimensions		
AQY21 AQY41 Series	 Through hole terminal type Max. 10° 6.4±0.05 .252±.002 7.62±0.05 .300±.002 4.78±0.05 .188±.002 2.7±0.05 .106±.002 3.2±0.2 .126±.008 3.0 .118 0.2 .008 0.33 .013 0.47 .019 1.0 .039 2.54 .100 Terminal thickness = 0.2 .008 General tolerance: ±0.1 ±.004	 Surface mount terminal type Max. 10° 6.4±0.05 .252±.002 7.62±0.05 .300±.002 4.78±0.05 .188±.002 2.7±0.05 .106±.002 1.0 .039 2.7±0.05 .106±.002 0.2±.02 .008±.003 0.47 .019 0.47 .019 1.0 .039 2.54 .100 Terminal thickness = 0.2 .008 General tolerance: ±0.1 ±.004	 PC board pattern (Bottom view) 4-0.8 dia. 4-.031 dia. 2.54 .100 7.62 .300 2.54 .100 Tolerance: ±0.1 ±.004 Mounting pad (Top view) 8.3 .327 1.9 .075 1.5 .059 2.54 .100 Tolerance: ±0.1 ±.004
	 Through hole terminal type Max. 10° 6.4±0.05 .252±.002 7.62±0.05 .300±.002 8.8±0.05 .346±.002 3.4 .134 3.9±0.2 .154±.008 3 .118 0.47 .019 0.47 .019 0.47 .019 1.25 .049 1.25 .049 1.25 .049 2.54 .100 2.54 .100 Terminal thickness = 0.25 .010 General tolerance: ±0.1 ±.004	 Surface mount terminal type Max. 10° 6.4±0.05 .252±.002 7.62±0.05 .300±.002 8.8±0.05 .346±.002 3.4 .134 3.4 .134 10.47 .412 0.47 .019 0.47 .019 1.25 .049 1.25 .049 1.25 .049 2.54 .100 2.54 .100 Terminal thickness = 0.25 .010 General tolerance: ±0.1 ±.004	 PC board pattern (Bottom view) 6-0.8 dia. 6-.031 dia. 5.08 .200 2.54 .100 7.62 .300 2.54 .100 Tolerance: ±0.1 ±.004 Recommended mounting pad (Top view) 8.3 .327 1.9 .075 1.5 .059 2.54 .100 2.54 .100
APV1122 Series	 Through hole terminal type Max. 10° 6.4±0.05 .252±.002 7.62±0.05 .300±.002 8.8±0.05 .346±.002 3.4 .134 3.9±0.2 .154±.008 3 .118 0.47 .019 0.47 .019 0.47 .019 1.25 .049 1.25 .049 1.25 .049 2.54 .100 2.54 .100 Terminal thickness = 0.25 .010 General tolerance: ±0.1 ±.004	 Surface mount terminal type Max. 10° 6.4±0.05 .252±.002 7.62±0.05 .300±.002 8.8±0.05 .346±.002 3.4 .134 3.4 .134 10.47 .412 0.47 .019 0.47 .019 1.25 .049 1.25 .049 1.25 .049 2.54 .100 2.54 .100 Terminal thickness = 0.25 .010 General tolerance: ±0.1 ±.004	 PC board pattern (Bottom view) 6-0.8 dia. 6-.031 dia. 5.08 .200 2.54 .100 7.62 .300 2.54 .100 Tolerance: ±0.1 ±.004 Recommended mounting pad (Top view) 8.3 .327 1.9 .075 1.5 .059 2.54 .100 2.54 .100
	 Through hole terminal type Max. 10° 6.4 .252 7.62 .300 9.78 .385 3.4 .134 3.9±0.2 .154±.008 3 .118 0.47 .019 0.47 .019 0.47 .019 1.25 .049 1.25 .049 1.25 .049 2.54 .100 2.54 .100 2.54 .100 Terminal thickness = 0.25 .010 General tolerance: ±0.1 ±.004	 Surface mount terminal type Max. 10° 6.4 .252 7.62 .300 9.78 .385 3.4 .134 3.4 .134 10.47 .412 0.47 .019 0.47 .019 1.25 .049 1.25 .049 1.25 .049 2.54 .100 2.54 .100 2.54 .100 Terminal thickness = 0.25 .010 General tolerance: ±0.1 ±.004	 PC board pattern (Bottom view) 8-0.8 dia. 8-.031 dia. 7.62 .300 2.54 .100 7.62 .300 2.54 .100 Tolerance: ±0.1 ±.004 Recommended mounting pad (Top view) 8.3 .327 1.9 .075 1.5 .059 2.54 .100 2.54 .100 2.54 .100

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

Type	Dimensions		
AQZ22(SOP) Series	Recommended mounting pad (Top view)		
	Terminal thickness = 0.15 .006 General tolerance: $\pm 0.1 \pm 0.004$ Tolerance: $\pm 0.1 \pm 0.004$		
AQY27 Series	Through hole terminal type	Surface mount terminal type	PC board pattern (Bottom view)
	Terminal thickness = 0.25 .010 General tolerance: $\pm 0.1 \pm 0.004$	Terminal thickness = 0.25 .010 General tolerance: $\pm 0.1 \pm 0.004$	Tolerance: $\pm 0.1 \pm 0.004$ Recommended mounting pad (Top view) Tolerance: $\pm 0.1 \pm 0.004$
AQZ10 AQZ20 AQZ40 Series	PC board pattern (Bottom view)		
	General tolerance: $\pm 0.1 \pm 0.004$ 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+		
AQZ26 Series	Mounting hole location (Bottom view)		
	General tolerance $\pm 0.5 \pm 0.020$ Pitch tolerance: $\pm 0.1 \pm 0.004$		