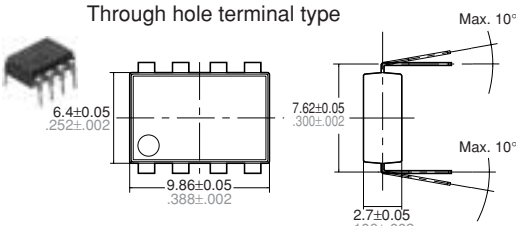
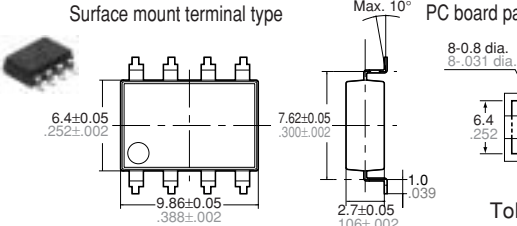
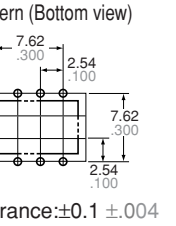
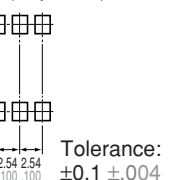
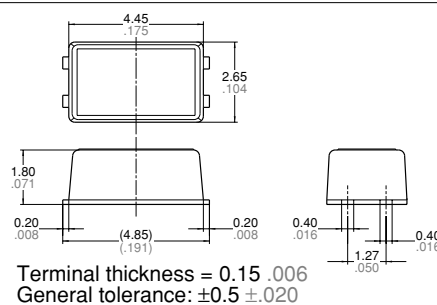
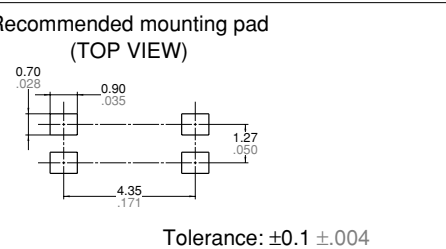
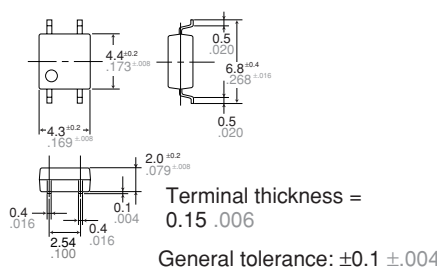
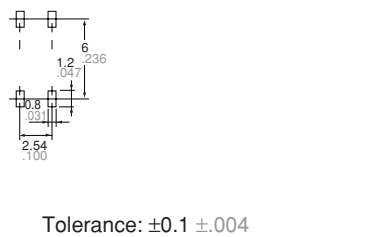
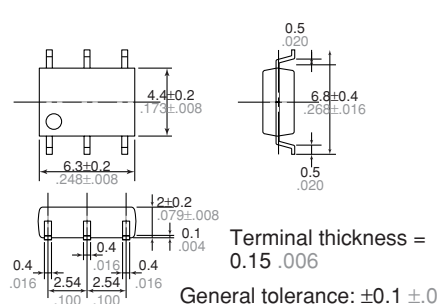
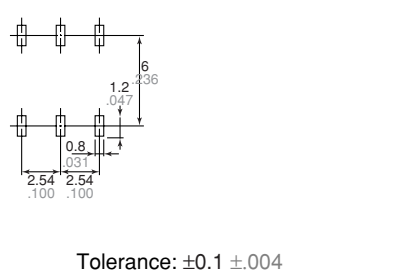
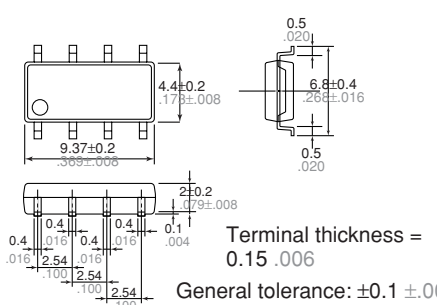
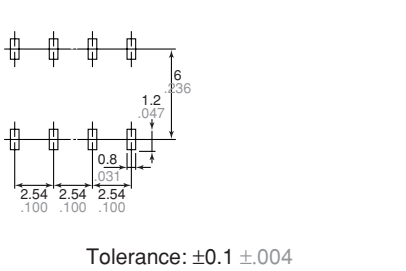


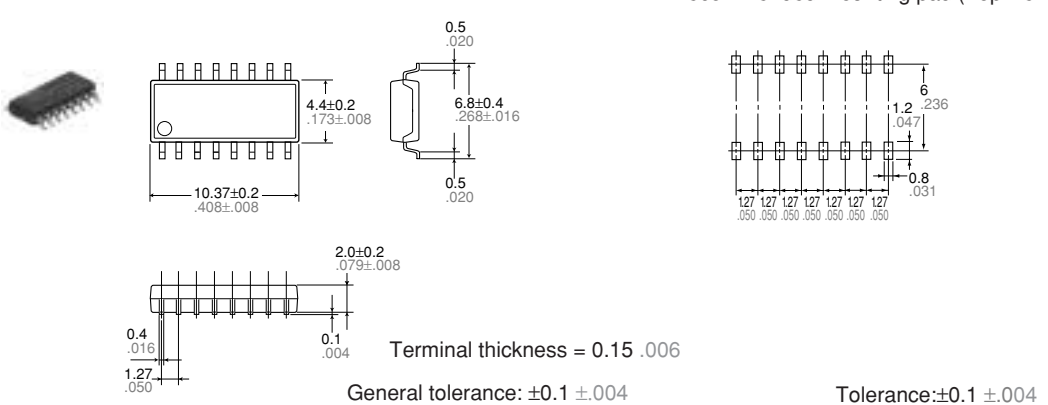
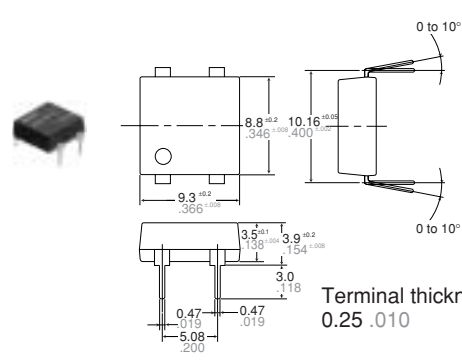
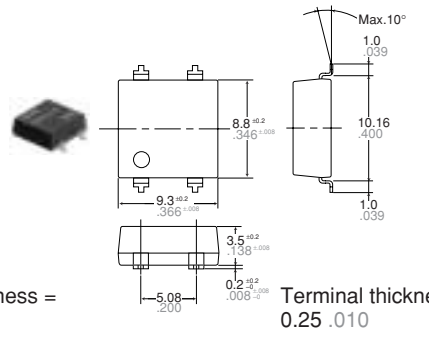
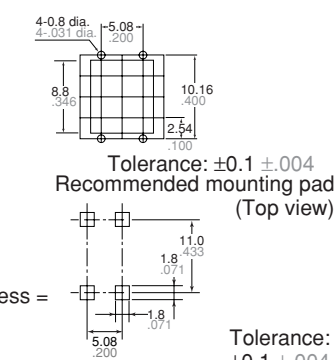
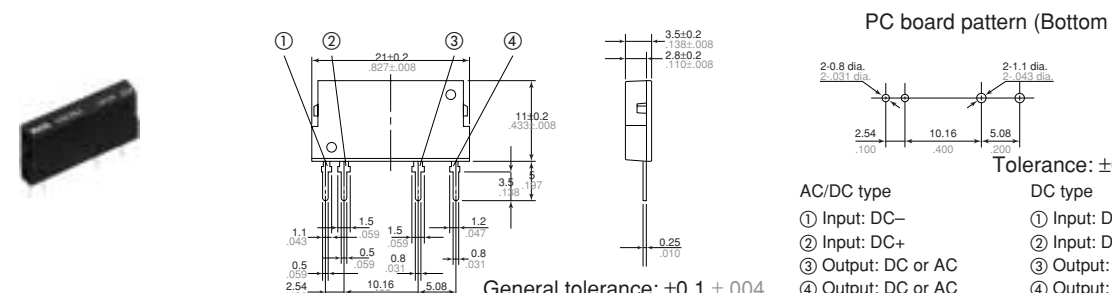
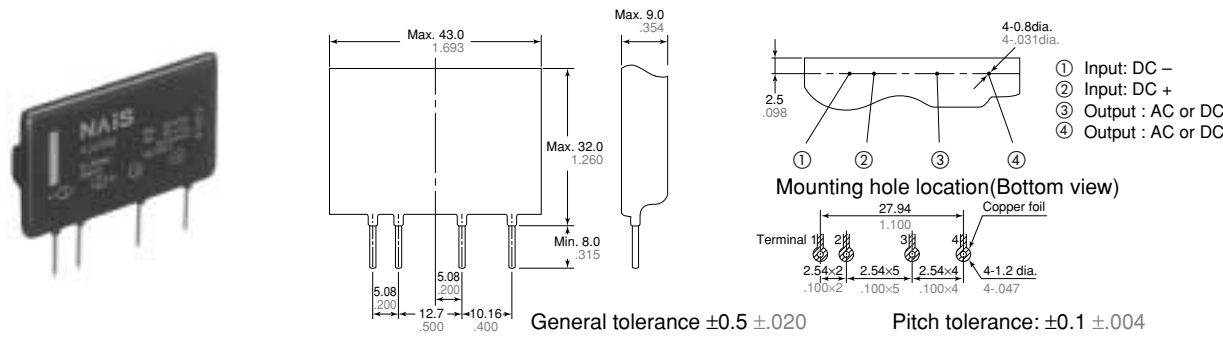
PhotoMOS Relay Dimensions

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 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±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 0.2±.02 .008±.003 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) 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 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 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±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 0.2±.02 .008±.003 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) 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 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 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 3.9±0.2 .154±.008 0.2±.02 .008±.003 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	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° 6.4±0.05 .252±.002 7.62±0.05 .300±.002 9.86±0.05 .388±.002 2.7±0.05 .106±.002 3.2±0.2 .126±.008 3.0 .118 0.47 .019 0.47 .019 0.2 .008 0.47 .019 0.33 .013 2.54 2.54 2.54 .100 .100 .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 9.86±0.05 .388±.002 2.7±0.05 .106±.002 2.7±0.05 .106±.002 0.2±0.2 .008±.002 0.47 .019 1.0 .039 0.47 .019 1.0 .039 0.47 .019 2.54 2.54 2.54 .100 .100 .100 Terminal thickness = 0.2 .008 General tolerance: ±0.1 ±.004	 PC board pattern (Bottom view) 8-0.8 dia. 8-.031 dia. 7.62 .300 2.54 .100 6.4 .252 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 2.54 2.54 .100 .100 .100 Tolerance: ±0.1 ±.004
APV21 (SSOP) AQY22 (SSOP) Series	  4.45 .175 2.65 .104 1.80 .071 0.20 .008 (4.85) (.191) 0.20 .008 0.40 .016 1.27 .050 0.40 .016 Terminal thickness = 0.15 .006 General tolerance: ±0.5 ±.020	 Recommended mounting pad (TOP VIEW) 0.70 .028 0.90 .035 1.27 .050 4.35 .171 Tolerance: ±0.1 ±.004	
APV21(SOP) APV11(SOP) AQY21(SOP) AQY22(SOP) AQY41(SOP) Series	  4.4±0.2 .173±.008 6.8±0.4 .268±.016 0.5 .020 4.3±0.2 .169±.008 2.0±0.2 .079±.008 0.1 .004 0.4 .016 0.4 .016 2.54 .100 0.4 .016 2.54 .100 0.4 .016 Terminal thickness = 0.15 .006 General tolerance: ±0.1 ±.004	 Recommended mounting pad (Top view) 6 .236 1.2 .047 0.8 .031 2.54 .100 2.54 .100 Tolerance: ±0.1 ±.004	
AQV21(SOP) AQV22(SOP) AQV41(SOP) Series	  4.4±0.2 .173±.008 6.8±0.4 .268±.016 0.5 .020 6.3±0.2 .248±.008 2±0.2 .079±.008 0.1 .004 0.4 .016 0.4 .016 2.54 .100 0.4 .016 2.54 .100 0.4 .016 Terminal thickness = 0.15 .006 General tolerance: ±0.1 ±.004	 Recommended mounting pad (Top view) 6 .236 1.2 .047 0.8 .031 2.54 .100 2.54 .100 Tolerance: ±0.1 ±.004	
AQW21(SOP) AQW61(SOP) Series	  4.4±0.2 .173±.008 6.8±0.4 .268±.016 0.5 .020 9.37±0.2 .369±.008 2±0.2 .079±.008 0.1 .004 0.4 .016 0.4 .016 2.54 .100 0.4 .016 2.54 .100 0.4 .016 Terminal thickness = 0.15 .006 General tolerance: ±0.1 ±.004	 Recommended mounting pad (Top view) 6 .236 1.2 .047 0.8 .031 2.54 .100 2.54 .100 2.54 .100 Tolerance: ±0.1 ±.004	

mm inch

Type	Dimensions		
AQZ22(SOP) Series	Recommended mounting pad (Top view)		
	 Terminal thickness = 0.15 .006 General tolerance: $\pm 0.1 \pm .004$ Tolerance: $\pm 0.1 \pm .004$		
AQY27 Series	Through hole terminal type	Surface mount terminal type	PC board pattern (Bottom view)
	 Terminal thickness = 0.25 .010 General tolerance: $\pm 0.1 \pm .004$	 Terminal thickness = 0.25 .010 General tolerance: $\pm 0.1 \pm .004$	 Tolerance: $\pm 0.1 \pm .004$ Recommended mounting pad (Top view) Tolerance: $\pm 0.1 \pm .004$
AQZ10 AQZ20 AQZ40 Series	PC board pattern (Bottom view)		
	 General tolerance: $\pm 0.1 \pm .004$ 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 $\pm 0.5 \pm .020$ Pitch tolerance: $\pm 0.1 \pm .004$		