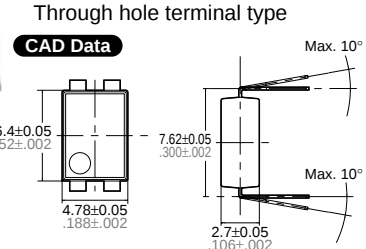
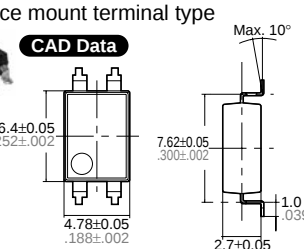
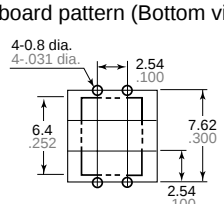
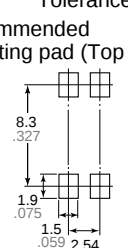
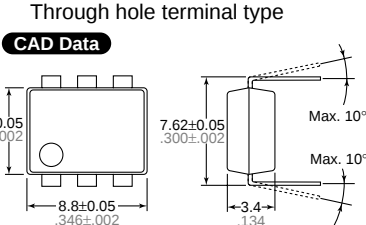
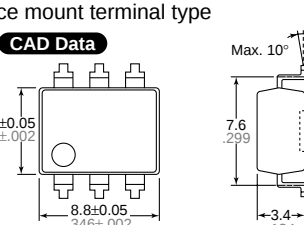
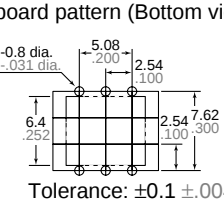
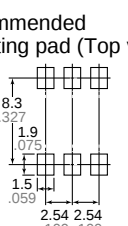
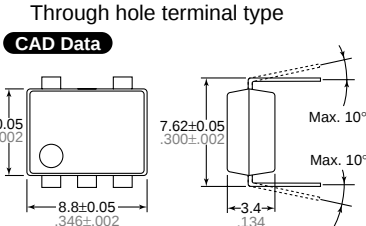
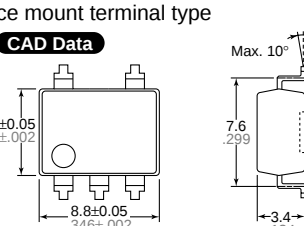
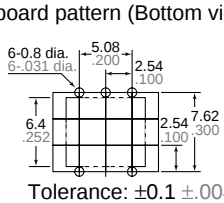
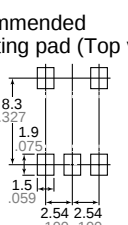
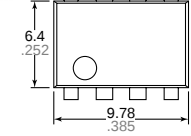
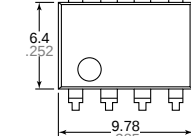
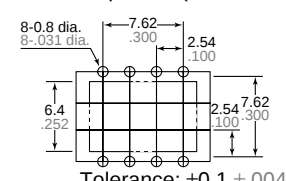
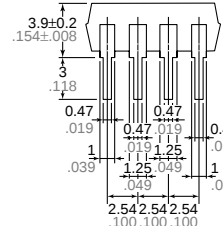
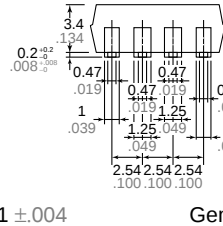
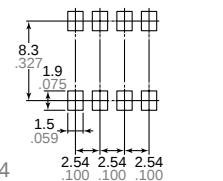
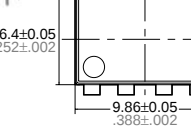
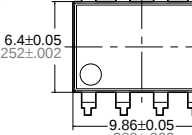
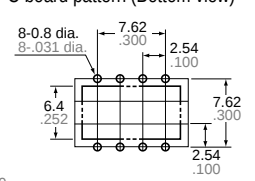
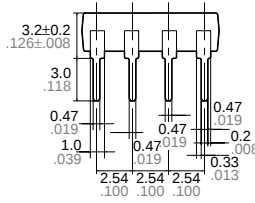
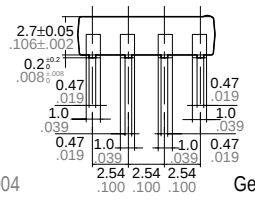
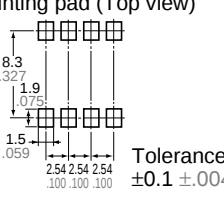
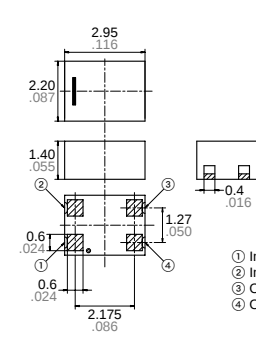
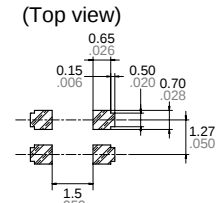
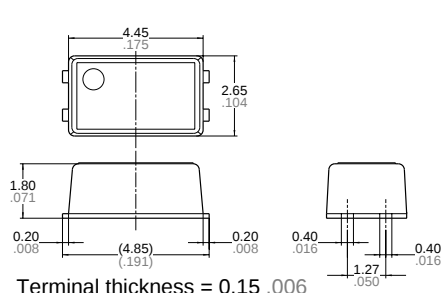
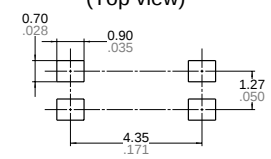


PhotoMOS Relay Dimensions

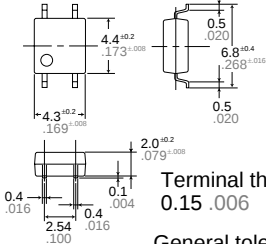
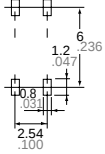
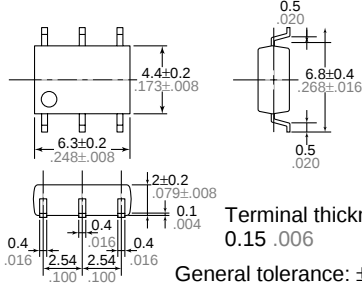
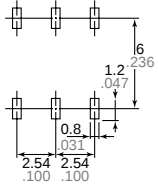
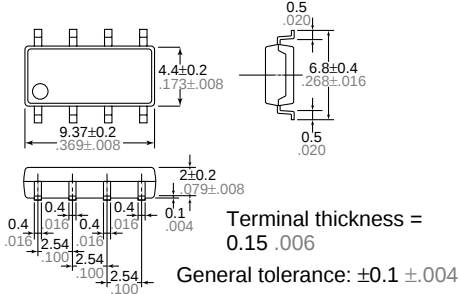
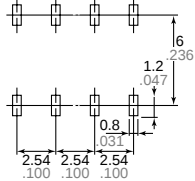
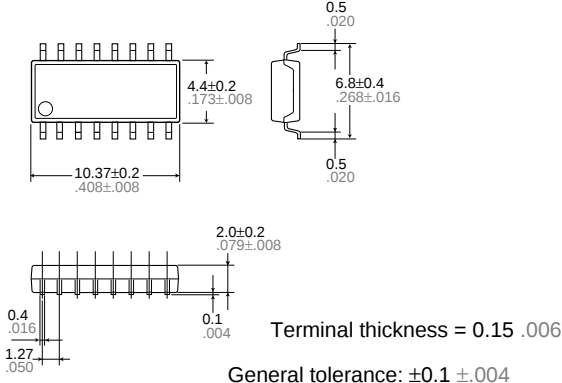
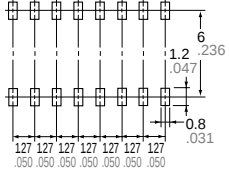
mm inch

Type	Dimensions		
AQY21(DIP) AQY41(DIP) Series	 Through hole terminal type CAD Data  6.4±0.05 .252±.002 7.62±0.05 .300±.002 4.78±0.05 .188±.002 2.7±0.05 .106±.002 Max. 10° Max. 10° Terminal thickness = 0.2 .008 General tolerance: ±0.1 ±.004	 Surface mount terminal type CAD Data  6.4±0.05 .252±.002 7.62±0.05 .300±.002 4.78±0.05 .188±.002 2.7±0.05 .106±.002 Max. 10° 1.0 .039 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 Recommended mounting pad (Top view)  8.3 .327 1.9 .075 1.5 .059 2.54 .100 2.54 .100 Tolerance: ±0.1 ±.004
AQV10(DIP) AQV11(DIP) AQV20(DIP) AQV21(DIP) AQV22(DIP) AQV23(DIP) AQV25(DIP) AQV41(DIP) AQV45(DIP) Series	 Through hole terminal type CAD Data  6.4±0.05 .252±.002 7.62±0.05 .300±.002 8.8±0.05 .346±.002 3.4 .134 Max. 10° Max. 10° Terminal thickness = 0.25 .010 General tolerance: ±0.1 ±.004	 Surface mount terminal type CAD Data  6.4±0.05 .252±.002 7.62±0.05 .300±.002 8.8±0.05 .346±.002 3.4 .134 Max. 10° 1.0 .039 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 Tolerance: ±0.1 ±.004
APV1122(DIP)	 Through hole terminal type CAD Data  6.4±0.05 .252±.002 7.62±0.05 .300±.002 8.8±0.05 .346±.002 3.4 .134 Max. 10° Max. 10° Terminal thickness = 0.25 .010 General tolerance: ±0.1 ±.004	 Surface mount terminal type CAD Data  6.4±0.05 .252±.002 7.62±0.05 .300±.002 8.8±0.05 .346±.002 3.4 .134 Max. 10° 1.0 .039 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 Tolerance: ±0.1 ±.004

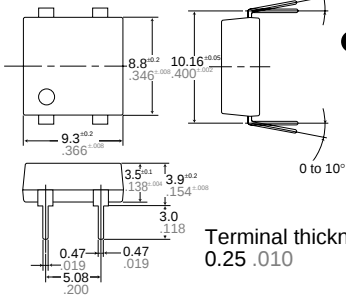
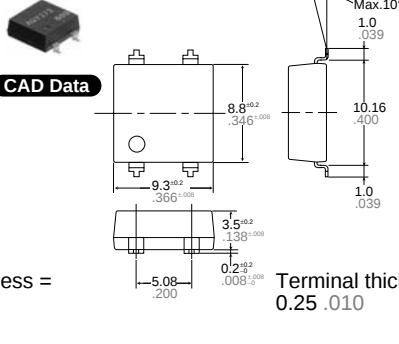
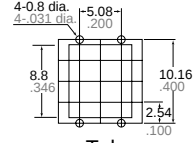
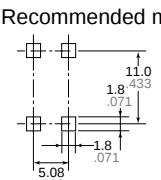
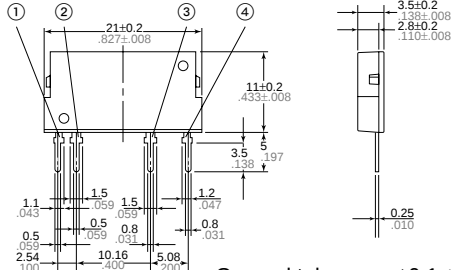
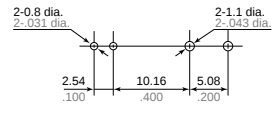
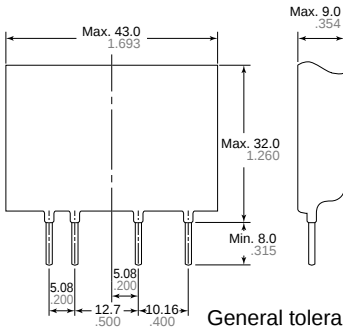
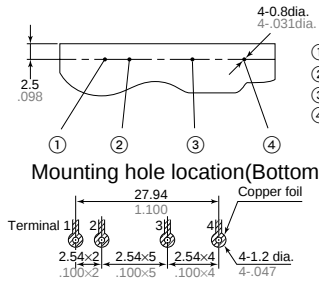
The CAD data of the products with a **CAD Data** mark can be downloaded from: <http://panasonic-electric-works.net/ac>

Type	Dimensions		
AQW21(DIP) AQW22(DIP) AQW25(DIP) AQW41(DIP) AQW45(DIP) AQW61(DIP) AQW65(DIP) Series	Through hole terminal type  CAD Data  6.4 .252 9.78 .385 7.62 .300 3.4 .134 Max. 10° Max. 10° Surface mount terminal type  CAD Data  6.4 .252 9.78 .385 7.62 .300 3.4 .134 Max. 10° 1 .039 PC board pattern (Bottom view)  8-0.8 dia. 8-.031 dia. 7.62 .300 2.54 .100 6.4 .252 7.62 .300 Tolerance: $\pm 0.1 \pm .004$		
	 3.9±0.2 .154±.008 1.18 .047 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: $\pm 0.1 \pm .004$  3.4 .134 0.2±0.2 .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: $\pm 0.1 \pm .004$ Recommended mounting pad (Top view)  8.3 .327 1.9 .075 1.5 .059 2.54 .100 2.54 .100 2.54 .100		
AQW21OEH (DIP) AQW21OHL (DIP) AQW41OEH (DIP) AQW61OEH (DIP) Series	Through hole terminal type  CAD Data  6.4±0.05 .252±.002 9.86±0.05 .388±.002 7.62±0.05 .300±.002 2.7±0.05 .106±.002 Max. 10° Max. 10° Surface mount terminal type  CAD Data  6.4±0.05 .252±.002 9.86±0.05 .388±.002 7.62±0.05 .300±.002 2.7±0.05 .106±.002 Max. 10° 1.0 .039 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: $\pm 0.1 \pm .004$		
	 3.2±0.2 .126±.008 3.0 .118 0.47 .019 0.47 .019 0.47 .019 0.2 .008 0.47 .019 0.47 .019 0.33 .013 2.54 .100 2.54 .100 2.54 .100 Terminal thickness = 0.2 .008 General tolerance: $\pm 0.1 \pm .004$  2.7±0.05 .106±.002 0.2±0.2 .008±.003 0.47 .019 0.47 .019 0.47 .019 1.0 .039 1.0 .039 1.0 .039 2.54 .100 2.54 .100 2.54 .100 Terminal thickness = 0.2 .008 General tolerance: $\pm 0.1 \pm .004$ Recommended mounting pad (Top view)  8.3 .327 1.9 .075 1.5 .059 2.54 .100 2.54 .100 2.54 .100 Tolerance: $\pm 0.1 \pm .004$		
AQY22(SON) Series	 CAD Data  2.95 .116 2.20 .087 1.40 .055 0.61 .024 0.6 .024 2.175 .086 1.27 .050 0.4 .016 ① Input: DC+ ② Input: DC- ③ Output: AC/DC ④ Output: AC/DC General tolerance: $\pm 0.2 \pm .008$ Recommended mounting pad (Top view)  0.65 .026 0.15 .006 0.50 .020 0.70 .028 1.27 .050 1.5 .059 Tolerance: $\pm 0.1 \pm .004$		
APV21(SSOP) AQY22(SSOP) Series	 CAD Data  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: $\pm 0.5 \pm .020$ Recommended mounting pad (Top view)  0.70 .028 0.90 .035 1.27 .050 4.35 .171 Tolerance: $\pm 0.1 \pm .004$		

The CAD data of the products with a **CAD Data** mark can be downloaded from: <http://panasonic-electric-works.net/ac>

Type	Dimensions		
APV11(SOP) APV21(SOP) AQY21(SOP) AQY22(SOP) AQY41(SOP) Series	 CAD Data	 Terminal thickness = 0.15 .006 General tolerance: $\pm 0.1 \pm .004$	Recommended mounting pad (Top view)  Tolerance: $\pm 0.1 \pm .004$
AQV21(SOP) AQV22(SOP) AQV25(SOP) AQV41(SOP) Series	 CAD Data	 Terminal thickness = 0.15 .006 General tolerance: $\pm 0.1 \pm .004$	Recommended mounting pad (Top view)  Tolerance: $\pm 0.1 \pm .004$
AQW21(SOP) AQW22(SOP) AQW61(SOP) Series	 CAD Data	 Terminal thickness = 0.15 .006 General tolerance: $\pm 0.1 \pm .004$	Recommended mounting pad (Top view)  Tolerance: $\pm 0.1 \pm .004$
AQS22(SOP) Series	 CAD Data	 Terminal thickness = 0.15 .006 General tolerance: $\pm 0.1 \pm .004$	Recommended mounting pad (Top view)  Tolerance: $\pm 0.1 \pm .004$

The CAD data of the products with a **CAD Data** mark can be downloaded from: <http://panasonic-electric-works.net/ac>

Type	Dimensions		
AQY27 (Power-DIP) Series	 CAD Data	Through hole terminal type  Terminal thickness = 0.25 .010 General tolerance: $\pm 0.1 \pm .004$	Surface mount terminal type  Terminal thickness = 0.25 .010 General tolerance: $\pm 0.1 \pm .004$
		PC board pattern (Bottom view)  Tolerance: $\pm 0.1 \pm .004$ Recommended mounting pad (Top view)  Tolerance: $\pm 0.1 \pm .004$	
AQZ10(SIL) AQZ20(SIL) AQZ40(SIL) Series	 CAD Data	 General tolerance: $\pm 0.1 \pm .004$	PC board pattern (Bottom view)  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+
		 CAD Data  General tolerance: $\pm 0.5 \pm .020$ Mounting hole location (Bottom view)  Pitch tolerance: $\pm 0.1 \pm .004$	

The CAD data of the products with a **CAD Data** mark can be downloaded from: <http://panasonic-electric-works.net/ac>