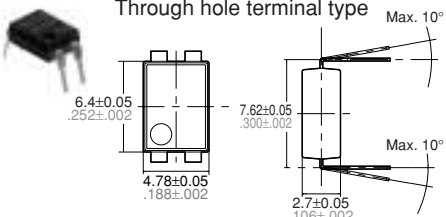
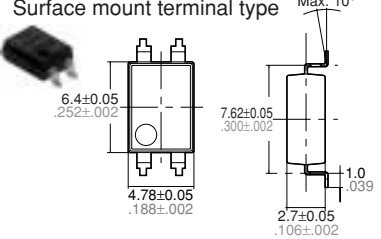
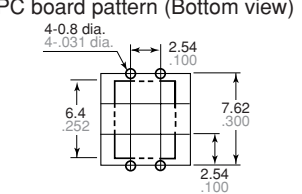
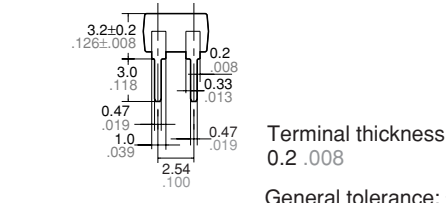
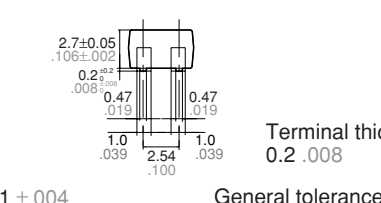
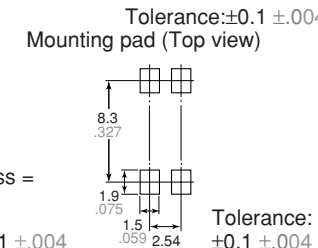
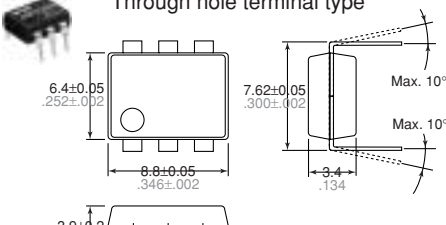
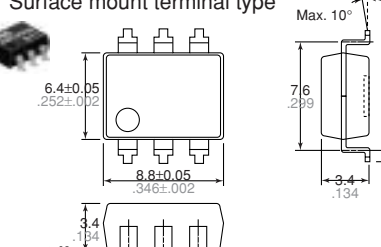
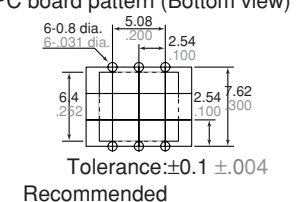
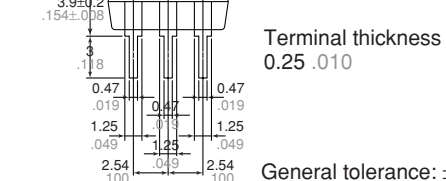
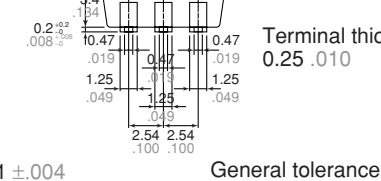
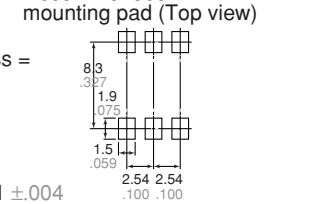
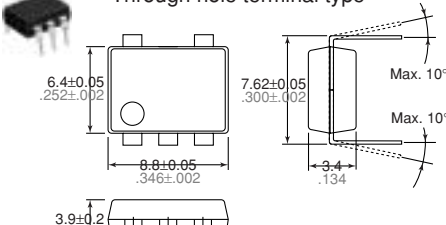
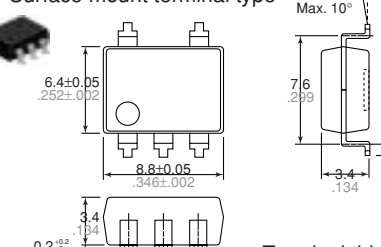
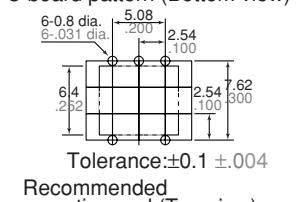
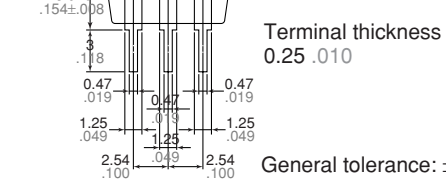
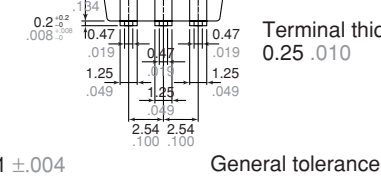
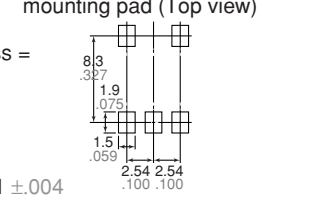
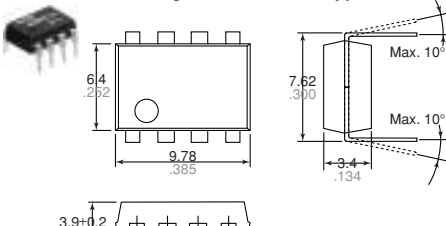
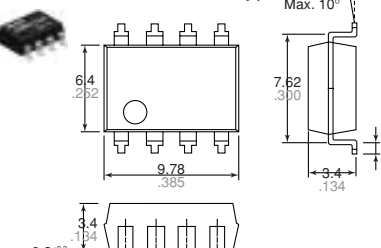
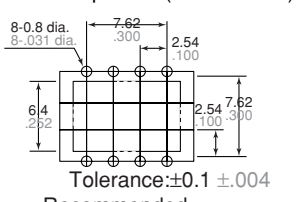
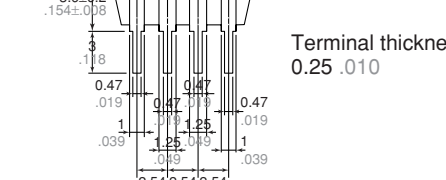
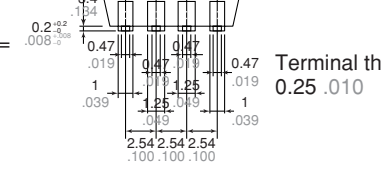
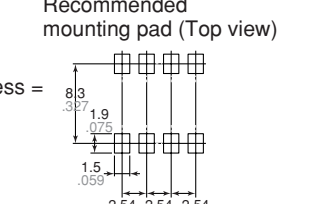


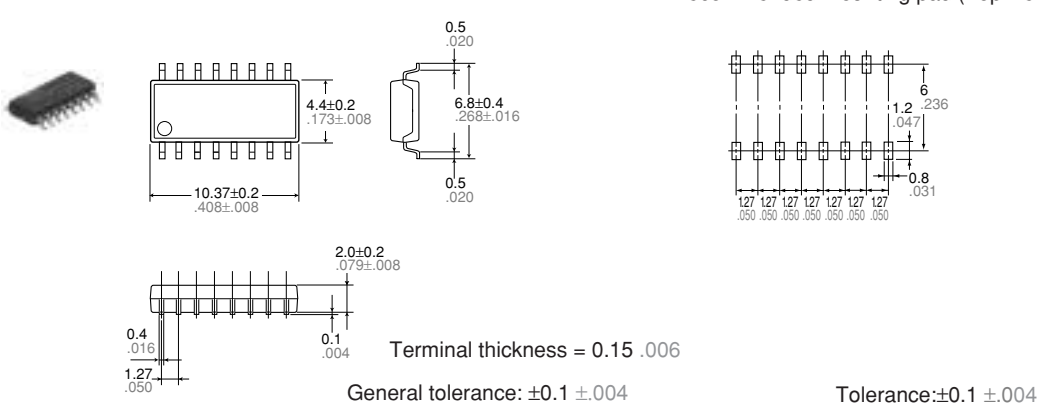
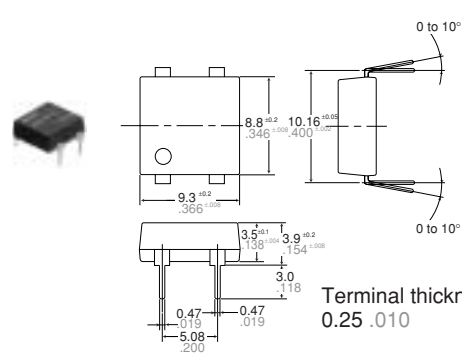
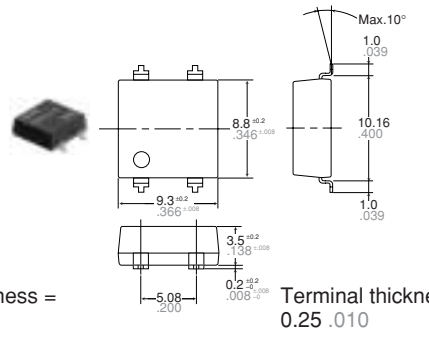
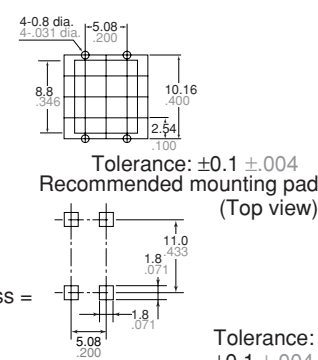
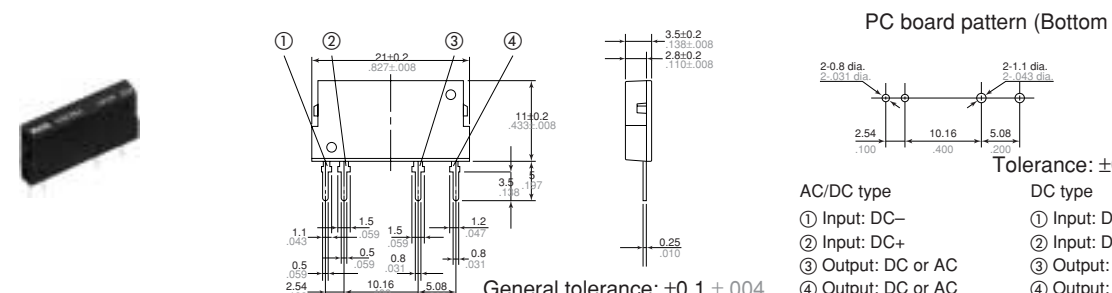
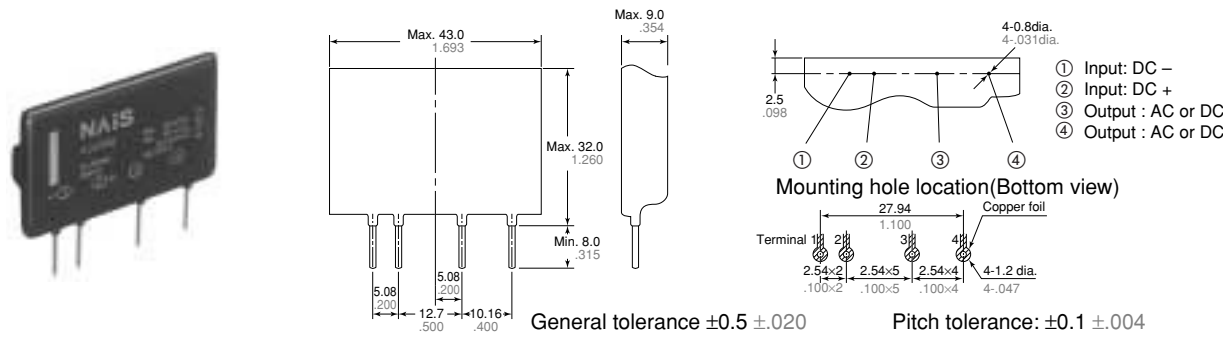
# PhotoMOS Relay Dimensions

mm inch

| Type                                                                           | Dimensions                                                                          |                                                                                      |                                                                                       |
|--------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| AQY21<br>AQY41<br>Series                                                       |    |    |    |
|                                                                                |    |    |    |
| AQV10<br>AQV20<br>AQV21<br>AQV22<br>AQV23<br>AQV25<br>AQV41<br>AQV45<br>Series |    |    |    |
|                                                                                |   |   |   |
| APV1122<br>Series                                                              |  |  |  |
|                                                                                |  |  |  |
| AQW21<br>AQW22<br>AQW25<br>AQW41<br>AQW45<br>AQW61<br>AQW65<br>Series          |  |  |  |
|                                                                                |  |  |  |

| Type                                                                         | Dimensions                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |  |  |
|------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|
| AQW21○EH<br>AQW21○HL<br>AQW41○EH<br>AQW61○EH<br>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<br>(SSOP)<br>AQY22<br>(SSOP)<br>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)<br>APV11(SOP)<br>AQY21(SOP)<br>AQY22(SOP)<br>AQY41(SOP)<br>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)<br>AQV22(SOP)<br>AQV41(SOP)<br>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)<br>AQW61(SOP)<br>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>                                                                                                                                                                                                                                                                   |  |  |  |

mm inch

| Type                              | Dimensions                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                |                                                                                                                                                                                                                           |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AQZ22(SOP)<br>Series              | Recommended mounting pad (Top view)                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                |                                                                                                                                                                                                                           |
|                                   |  <p>Terminal thickness = 0.15 .006<br/>General tolerance: <math>\pm 0.1 \pm .004</math><br/>Tolerance: <math>\pm 0.1 \pm .004</math></p>                                                                                                                                                                                                  |                                                                                                                                                                                |                                                                                                                                                                                                                           |
| AQY27<br>Series                   | Through hole terminal type                                                                                                                                                                                                                                                                                                                                                                                                  | Surface mount terminal type                                                                                                                                                    | PC board pattern (Bottom view)                                                                                                                                                                                            |
|                                   |  <p>Terminal thickness = 0.25 .010<br/>General tolerance: <math>\pm 0.1 \pm .004</math></p>                                                                                                                                                                                                                                               |  <p>Terminal thickness = 0.25 .010<br/>General tolerance: <math>\pm 0.1 \pm .004</math></p> |  <p>Tolerance: <math>\pm 0.1 \pm .004</math><br/>Recommended mounting pad (Top view)<br/>Tolerance: <math>\pm 0.1 \pm .004</math></p> |
| AQZ10<br>AQZ20<br>AQZ40<br>Series | PC board pattern (Bottom view)                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                |                                                                                                                                                                                                                           |
|                                   |  <p>General tolerance: <math>\pm 0.1 \pm .004</math></p> <p>AC/DC type<br/>           ① Input: DC-<br/>           ② Input: DC+<br/>           ③ Output: DC or AC<br/>           ④ Output: DC or AC</p> <p>DC type<br/>           ① Input: DC-<br/>           ② Input: DC+<br/>           ③ Output: DC-<br/>           ④ Output: DC+</p> |                                                                                                                                                                                |                                                                                                                                                                                                                           |
| AQZ26<br>Series                   | Mounting hole location (Bottom view)                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                |                                                                                                                                                                                                                           |
|                                   |  <p>General tolerance <math>\pm 0.5 \pm .020</math><br/>Pitch tolerance: <math>\pm 0.1 \pm .004</math></p>                                                                                                                                                                                                                              |                                                                                                                                                                                |                                                                                                                                                                                                                           |