



Figure 10 illustrates three examples of dimensioning with tolerances. (a) shows a dimension of 5.0 with a tolerance of  $+0.1/0$ . (b) shows a dimension of 1.4 with a tolerance of  $+0.1/0$ . (c) shows a dimension of 0.1 with a tolerance of  $+0.1/0$ .

## RECOMMENDED PC BOARD LAYOUT

|                                                                                                                                                                                                         |             |   |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |       |            |             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|-------------|
| 8                                                                                                                                                                                                       | TIN         | - | DETAIL N | 108.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 21    | 2-796636-9 |             |
| 6                                                                                                                                                                                                       | TIN         | - | DETAIL M | 78.02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 15    | 2-796636-8 |             |
|                                                                                                                                                                                                         | .762µm GOLD | - | -        | 42.46                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8     | 2-796636-7 |             |
|                                                                                                                                                                                                         | TIN         | 6 | DETAIL L | 22.14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4     | 2-796636-6 |             |
|                                                                                                                                                                                                         | TIN         | - | -        | 128.82                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 25    | 2-796636-5 |             |
|                                                                                                                                                                                                         | TIN         | - | -        | 123.74                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 24    | 2-796636-4 |             |
|                                                                                                                                                                                                         | TIN         | - | -        | 118.66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 23    | 2-796636-3 |             |
|                                                                                                                                                                                                         | TIN         | - | -        | 113.58                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 22    | 2-796636-2 |             |
|                                                                                                                                                                                                         | TIN         | - | -        | 108.50                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 21    | 2-796636-1 |             |
|                                                                                                                                                                                                         | TIN         | - | -        | 103.42                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 20    | 2-796636-0 |             |
|                                                                                                                                                                                                         | TIN         | - | -        | 98.34                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 19    | 1-796636-9 |             |
|                                                                                                                                                                                                         | TIN         | - | -        | 93.26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 18    | 1-796636-8 |             |
|                                                                                                                                                                                                         | TIN         | - | -        | 88.18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 17    | 1-796636-7 |             |
|                                                                                                                                                                                                         | TIN         | - | -        | 83.10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 16    | 1-796636-6 |             |
|                                                                                                                                                                                                         | TIN         | - | -        | 78.02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 15    | 1-796636-5 |             |
|                                                                                                                                                                                                         | TIN         | - | -        | 72.94                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 14    | 1-796636-4 |             |
|                                                                                                                                                                                                         | TIN         | - | -        | 67.86                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 13    | 1-796636-3 |             |
|                                                                                                                                                                                                         | TIN         | - | -        | 62.78                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 12    | 1-796636-2 |             |
|                                                                                                                                                                                                         | TIN         | - | -        | 57.70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 11    | 1-796636-1 |             |
|                                                                                                                                                                                                         | TIN         | - | -        | 52.62                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 10    | 1-796636-0 |             |
|                                                                                                                                                                                                         | TIN         | - | -        | 47.54                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 9     | 796636-9   |             |
|                                                                                                                                                                                                         | TIN         | - | -        | 42.46                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8     | 796636-8   |             |
|                                                                                                                                                                                                         | TIN         | - | -        | 37.38                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 7     | 796636-7   |             |
|                                                                                                                                                                                                         | TIN         | - | -        | 32.30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 6     | 796636-6   |             |
|                                                                                                                                                                                                         | TIN         | - | -        | 27.22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 5     | 796636-5   |             |
|                                                                                                                                                                                                         | TIN         | - | -        | 22.14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4     | 796636-4   |             |
|                                                                                                                                                                                                         | TIN         | - | -        | 17.06                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3     | 796636-3   |             |
|                                                                                                                                                                                                         | TIN         | - | -        | 11.98                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2     | 796636-2   |             |
| CONTACT FINISH                                                                                                                                                                                          |             |   | MARKING  | SPECIAL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | DIM L | NO OF POSN | PART NUMBER |
| 1. PLATING IS TO BE DONE AFTER THE CONTACT SURFACE HAS BEEN PREPARED FOR THE CONTACT SURFACE.<br>DIMENSIONS: mm<br> |             |   |          | 190CT2000<br>WELDON<br>180CT2000<br>D. BIEVENOUR<br>180CT2000<br>D. BIEVENOUR<br>180CT2000<br>Tolerance unless otherwise specified:<br>1. PLC .003<br>2. PLC .003<br>3. PLC .003<br>4. PLC .003<br>5. PLC .003<br>6. PLC .003<br>7. PLC .003<br>8. PLC .003<br>9. PLC .003<br>10. PLC .003<br>11. PLC .003<br>12. PLC .003<br>13. PLC .003<br>14. PLC .003<br>15. PLC .003<br>16. PLC .003<br>17. PLC .003<br>18. PLC .003<br>19. PLC .003<br>20. PLC .003<br>21. PLC .003<br>22. PLC .003<br>23. PLC .003<br>24. PLC .003<br>25. PLC .003<br>26. PLC .003<br>27. PLC .003<br>28. PLC .003<br>29. PLC .003<br>30. PLC .003<br>31. PLC .003<br>32. PLC .003<br>33. PLC .003<br>34. PLC .003<br>35. PLC .003<br>36. PLC .003<br>37. PLC .003<br>38. PLC .003<br>39. PLC .003<br>40. PLC .003<br>41. PLC .003<br>42. PLC .003<br>43. PLC .003<br>44. PLC .003<br>45. PLC .003<br>46. PLC .003<br>47. PLC .003<br>48. PLC .003<br>49. PLC .003<br>50. PLC .003<br>51. PLC .003<br>52. PLC .003<br>53. PLC .003<br>54. PLC .003<br>55. PLC .003<br>56. PLC .003<br>57. PLC .003<br>58. PLC .003<br>59. PLC .003<br>60. PLC .003<br>61. PLC .003<br>62. PLC .003<br>63. PLC .003<br>64. PLC .003<br>65. PLC .003<br>66. PLC .003<br>67. PLC .003<br>68. PLC .003<br>69. PLC .003<br>70. PLC .003<br>71. PLC .003<br>72. PLC .003<br>73. PLC .003<br>74. PLC .003<br>75. PLC .003<br>76. PLC .003<br>77. PLC .003<br>78. PLC .003<br>79. PLC .003<br>80. PLC .003<br>81. PLC .003<br>82. PLC .003<br>83. PLC .003<br>84. PLC .003<br>85. PLC .003<br>86. PLC .003<br>87. PLC .003<br>88. PLC .003<br>89. PLC .003<br>90. PLC .003<br>91. PLC .003<br>92. PLC .003<br>93. PLC .003<br>94. PLC .003<br>95. PLC .003<br>96. PLC .003<br>97. PLC .003<br>98. PLC .003<br>99. PLC .003<br>100. PLC .003<br>101. PLC .003<br>102. PLC .003<br>103. PLC .003<br>104. PLC .003<br>105. PLC .003<br>106. PLC .003<br>107. PLC .003<br>108. PLC .003<br>109. PLC .003<br>110. PLC .003<br>111. PLC .003<br>112. PLC .003<br>113. PLC .003<br>114. PLC .003<br>115. PLC .003<br>116. PLC .003<br>117. PLC .003<br>118. PLC .003<br>119. PLC .003<br>120. PLC .003<br>121. PLC .003<br>122. PLC .003<br>123. PLC .003<br> |       |            |             |



- △ MATERIALS AND FINISH:  
HOUSING: PA 6-6, UL 94-V0, COLOR: GREEN.  
TERMINAL: PHOSPHOR BRONZE, TIN PLATED.
2. SUITABLE FOR 1,6-2, 4mm PC BOARD THICKNESS.
3. RECOGNIZED UNDER THE COMPONENT PROGRAM OF  
UNDERWRITERS LABORATORIES INC. FILE N° E60677.
4. IMQ CERTIFICATE WITH SURVEILLANCE IN CONFORMITY  
WITH IEC 998-1/998-2-1.)
- △ 5. NOT CUMULATIVE TOLERANCE
- △ 6. INK MARKED WHITE  
NUMERICAL SEQUENCE: FROM LEFT TO RIGHT.
7. BUCHANAN LOGO TO APPEAR ON HOUSING, LOCATION OPTIONAL  
WHERE SPACE PERMITS.
- △ 8. KEYS TO BE GLUED IN PLACE AS SHOWN.

[illegible]