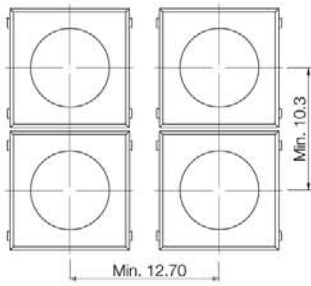
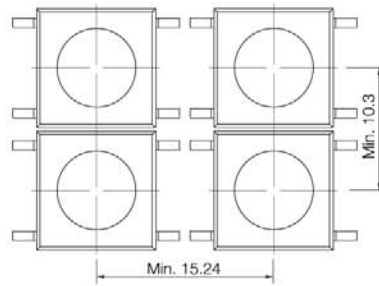


Basic switch spacing

through-hole

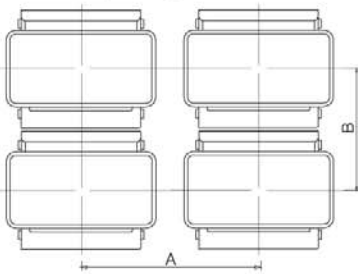


surface-mount

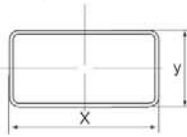


Recommended switch/cap spacing

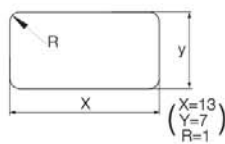
Switch spacing



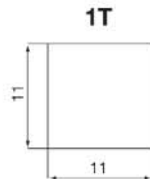
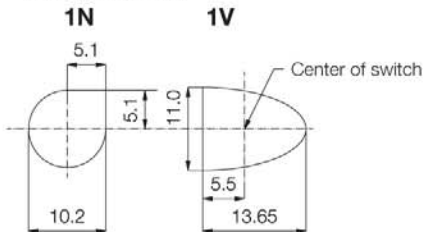
Cap dimension



Panel cut-out



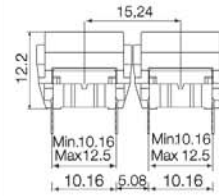
Panel Cut-out



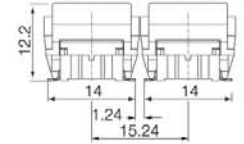
Spacing in mm

Spacing examples

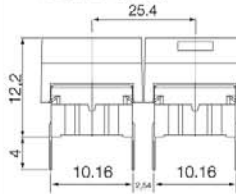
multimec®
3AT + 1B/C + 2A/B



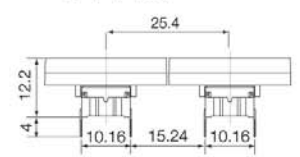
multimec®
3AS + 1B + 2A/B
4AS + 1B/1C + 2C/2D



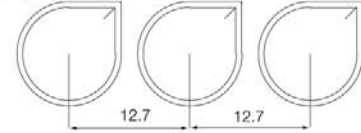
multimec®
3AT + 1A/H



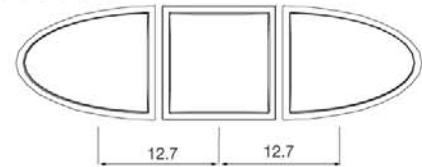
multimec®
3AT + 1M



multimec®
1N + 1N + 1N



multimec®
1V + 1T + 1V



| Cap series | Recommended* min. switch spacing AxB | Nominal cap dimension W x H | Recommended min. panel cut-out |
|------------------------|---|--------------------------------|-----------------------------------|
| 1A | 12.7 x 10.16 | 12.6 x 10.1 | 13.0 x 10.5 |
| 1B/1C+2A/2B | 15.24 x 15.24 | 15.1 x 15.1 | 15.5 x 15.5 |
| 1D/1E/1F | 12.7 x 12.7 | ø9.6 | ø10.0 |
| 1K | 15.24 x 15.24 | 14.3 x 14.3 | 14.7 x 14.7 |
| 1M | 25.4 x 10.16 | 25.0 x 10.1 | 25.7 x 10.5 |
| 1N | 12.7 x 12.7 | ø9.8/□4.9 | ø10.2/□5.1 |
| 1P/1Q/1R | 15.24 x 10.16 | 6.5 x 12.5 | 7.0 x 13.0, R Max. 1.0 |
| 1S | 12.7 x 10.16 | ø6.5 | ø7.0 |
| 1T | 12.7 x 12.7 | 10.6 x 10.6 | 11.0 x 11.0 |
| 1U | 12.7 x 12.7 | ø10.6 | ø11.0 |
| 1V (pointing outwards) | 12.7 x 12.7 | 10.6 x 13.25 | 11.0 x 13.65 |
| 1X | 12.7 x 12.7 | 9.4 x 7.4 | 9.8 x 7.9 |

*A dimension with surface mount version is min. 15.24. Depending on manufacturing technology it may be necessary either to reduce pad dimension, or to increase spacing.

In all applications the total assembly tolerance must be analysed by the user (board tolerance, front panel, assembly accuracy), to secure enough room for a free switch movement in the final product. The specifications on this page are to be considered as an aid only. MEC cannot be held responsible for the final assembly.