

Terminals

Screw Terminal

The terminals on a screw terminal capacitor are 99.9% aluminium. The layout is shown in figure 14.

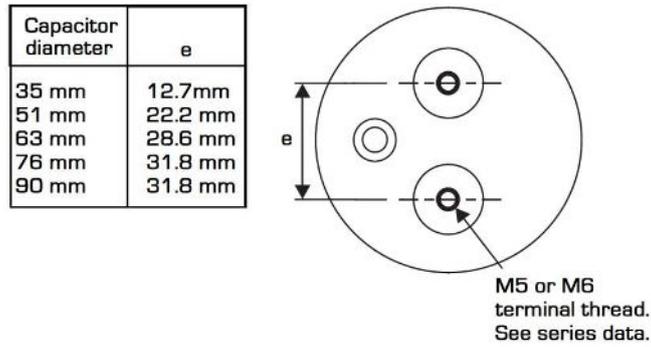


Figure 14

Snap in and DIN pin

The terminals on a snap-in or DIN pin capacitor are base steel, flashed with copper, then plated in tin. So the terminal finish is tin.

Snap in pin layout is shown in figure 15.

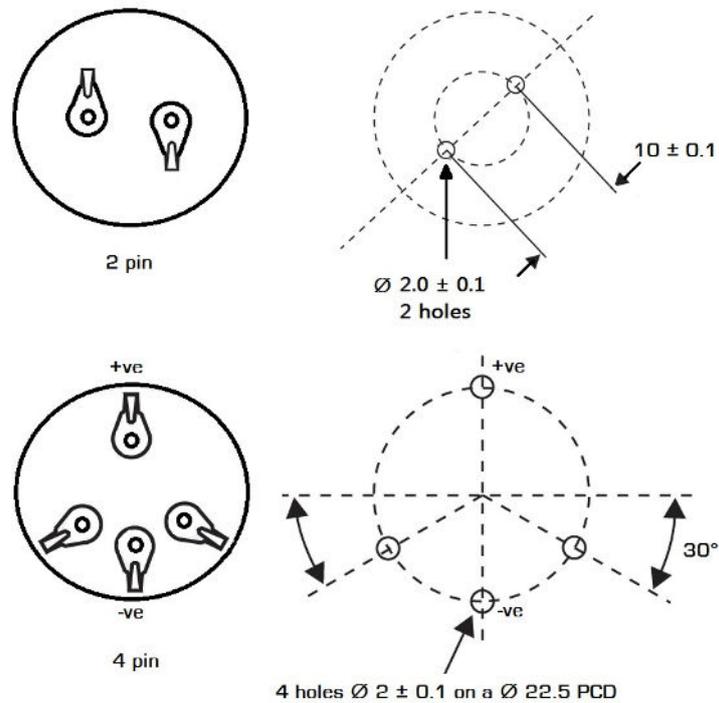


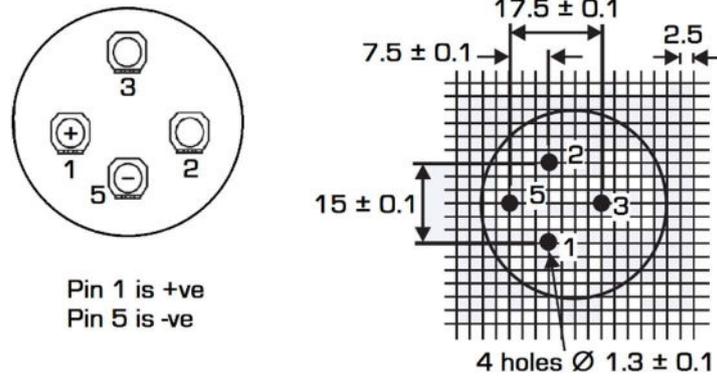
Figure 15



With a 4 pins snap in, two of the pins are unassigned. They are intended for mechanical stability. It is recommended that they are soldered to the printed circuit board. These unassigned pins are at the negative potential but they must not be used in place of the negative connection. As such they should be connected to the same potential as the negative pin or left electrically isolated.

DIN pin layout is shown in figure 16.

35mm diameter 4 pins



40mm and 45mm diameter 5 pins

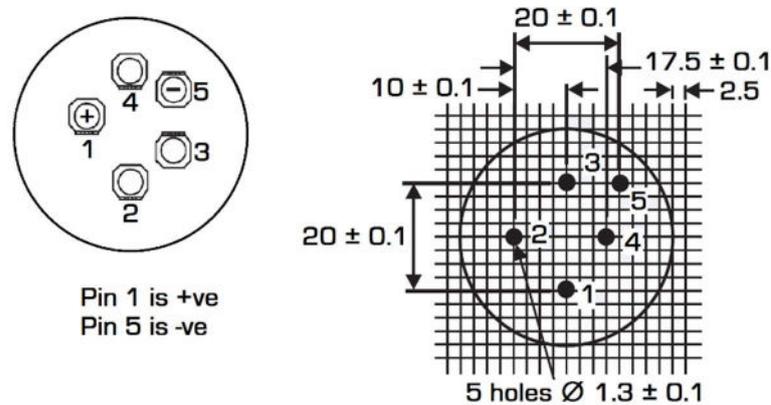


Figure 16

With the DIN pin layout, pin 1 is the positive connection and pins 5 is the negative connection. The spare pins are unassigned. They are intended for mechanical stability. It is recommended that they are soldered to the printed circuit board. These unassigned pins are at the negative potential but they must not be used in place of the negative connection. As such they should be connected to the same potential as the negative pin or left electrically isolated.

