

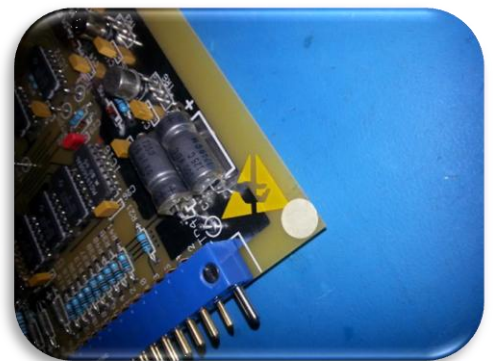
Conformal coating masking dots

SCH Technologies offer a varied range of conformal coating masking dots which can be used as a solution for masking printed circuit boards. Dots are commonly used during the liquid conformal coating process but can be used with other coating techniques.

Many components have to be masked as they need to remain uncoated of any conformal coating. The purpose of the dots is to ensure the protection of these components from conformal coating during the conformal coating process; other options of masking include masking tapes and customizable boots.

Where are conformal coating masking dots used?

Masking Dots can be used to protect many different vital parts of a PCB for many conformal coating application techniques. These processes include batch and selective robotic spraying, vapour deposition of coatings and both horizontal and vertical dipping processes. These parts include Fiducials and other holes around the printed circuit board.



What kinds of masking dots are available from SCH Technologies?

SCH provide one extensive range of crepe masking dots for all standard conformal coating processes. Crepe masking dots are available in the following sizes:

-3.2mm, 4.0mm, 4.8mm, 6.4mm, 7.9mm, 9.5mm, 11.1mm, 12.7mm, 14.3mm, 15mm, 15.9mm, 18mm, 19mm, 22.2mm, 25mm, 25.4mm, 28.6mm, 30.2mm, 31.8mm, 34.9mm, 36.5mm, 38.1mm, 39.7mm, 41.3mm, 44.5mm, 46mm, 50.8mm, 63.5mm, 69.9mm, 76.2mm, 88.9mm, 95.2mm, 101.6mm, 114.3mm, 127mm, 134mm

What would happen if I don't mask a component or my circuit board correctly?

The simple answer is the conformal coating is likely to go where you don't want it to. This will lead to the obvious step of either repairing the leak, stripping the conformal coating off the circuit board, removing a component to replace it or scrapping the board.

Conformal coating solutions made easy

www.conformalcoating.co.uk

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