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9151/9152/9153 MOBO™ High Reliability Spring Pin Connectors



GENERAL DESCRIPTION

To compliment the stamped and formed spring technology, we have available a range of spring pin devices used in high reliability battery and I/O applications. These applications range from secure radio I/O, microphone cable connections, battery backed medical equipment, logistics terminals and military equipment.

This flexible capability combines standard contacts with custom molded housings. These can vary in size, shape and termination style, for example flex, PCB and cable. The available contact options enables us to offer a wide range of variations.

Within the range we can offer options of turned pins for both plug and socket (9151), or turned pin socket (9152) and stamped plug (9153).

Custom designs from the product ranges include:

- Integrated coax connections
- Sealing up to IP68
- Variations for contact layout, (eg single row, dual row, circular and grid)
- Screw fixing of the plug to the socket from the cover
- Latch fixing of the plug to the socket from the cover
- Die cast covers for military applications
- Polarization of covers on a multi-connector device
- 90 degree and in-line covers
- Variation of the contact pitch