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Datasheet

Needle point 2-part spring probe, 2.54mm

RS Stock number [542-4990](#)



Description:

Two-part spring probes consisting of a probe and receptacle. The two items must be ordered separately. Probes and receptacles are available in various pitch sizes, and receptacles are available in solder bucket or wire wrap styles, this permits easy replacement of damaged spring test probes without disturbing the wiring.

They are suited ideally (in development and production) for automatic test equipment (ATE), test jigs etc., where fast testing of multipoint PCBs and sub-assemblies is required. Receptacles can be push fitted into the mounting plate to provide an airtight seal without the use of adhesives. An inserter (Stock No. 434-790) is available for the 2.54mm pitch receptacles.

Specifications:

| | |
|---------------------|--|
| Body Material: | Phosphor Bronze |
| Contact Resistance: | 30mΩ |
| Current Rating: | 3A |
| Length: | 24.7mm |
| Pitch: | 2.54mm |
| Probe Tip Type: | Needle |
| Applications: | Test lands, pads, leads and holes Penetrates oxides and fluxes as well as contaminated boards |

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