

P605 for all applications that require a low projection height.  
 Also used as interface contact probe for 1.27mm grid fields. Compatible with P970.  
 P620 for all applications that require a low height. The stranded wire is soldered  
 directly to the lower part of the spring contact probe.  
 P790 suited for a variety of interface applications. The probes combine a low projection height with a high spring force.  
 P780-B is an example of a special contact probe manufactured to meet a customers very stringent military requirements.

**SERIES 605**

**SPECIFICATION**

**PROBE P605**

Recommended minimum centres: 1.27mm

**MECHANICAL**  
 Full travel: 1.20mm  
 Recommended working travel: 0.80mm

**SPRING FORCE**  
 Preload: 0.3N  
 @ Working travel: 0.75N

**ELECTRICAL**  
 Max current: 1 amp  
 Terminal resistance: <70m ohms

**RECEPTACLES**

**R605-W**

**TIP STYLES**

**P605-A**  
 Ø1.0  
 STEEL

**P605-D1**  
 FULL RADIUS  
 Ø0.50  
 STEEL

**SERIES 620**

**SPECIFICATION**

**PROBE P620**

Recommended minimum centres: 2.54mm

**MECHANICAL**  
 Full travel: 1.60mm  
 Recommended working travel: 1.30mm

**SPRING FORCE**  
 Preload: 0.4N 0.4N  
 @ Working travel: 0.75N 1.3N

**ORDER PART NO.**  
 - -1

**ELECTRICAL**  
 Max current: 3 amps  
 Terminal resistance: <30m ohms

**P620-D1**  
 FULL RADIUS  
 Ø1.2  
 STEEL

**P620-E1**  
 Ø1.2  
 STEEL

**P605-E**  
 Ø0.50  
 STEEL

**P605-K**  
 Ø1.0  
 1.0  
 STEEL

**Note:** Both P620 and P780 are suitable for soldering directly into a PCB

**SERIES 790**

**SPECIFICATION**

**PROBE P790**

Recommended minimum centres: 2.70mm

**MECHANICAL**  
 Full travel: 2.20mm  
 Recommended working travel: 1.50mm

**SPRING FORCE**  
 Preload: 0.4N  
 @ Working travel: 1.3N

**ELECTRICAL**  
 Max current: 1.5 amps  
 Terminal resistance: <20m ohms

**P790-D**  
 FULL RADIUS  
 Ø1.3  
 BeCu

**SERIES 795**

**SPECIFICATION**

**PROBE P795**

Recommended minimum centres: 2.70mm

**MECHANICAL**  
 Full travel: 3.2mm  
 Recommended working travel: 2.5mm

**SPRING FORCE**  
 Preload: 0.4N  
 @ Working travel: 1.5N

**ELECTRICAL**  
 Max current: 1.5 amps  
 Terminal resistance: <20m ohms

**P795-D1**  
 FULL RADIUS  
 Ø1.3  
 BeCu

**SERIES 780**

**SPECIFICATION**

**PROBE P780**

**MECHANICAL**  
 Full travel: 3.0mm  
 Recommended working travel: 2.6mm

**SPRING FORCE**  
 Preload: 1.0N  
 @ Working travel: 4.5N

**SPECIAL REQUIREMENTS**  
 Temperature range -100°C to +120°C  
 Other tip styles quoted on request subject to availability and MOQ 500

**P780-B**  
 30°  
 Ø1.80  
 STEEL

**RECEPTACLES**

**R900-2**  
 2.5, Ø2.5, 0.2, Ø2.3

**R900-5**  
 5.0, Ø2.5, 0.2, Ø2.3

**R900-13**  
 13.0

**R900-S**  
 2.3, 3.0, 5.0, 7.0, 0.63

**Note:** P790 uses R900 receptacles

**PROBE ORDER CODE**  
**P605 - A**  
 Series Tip Style

**Note:** Tip Material shown Black - Standard Stock Item