

P702 a bare board probe with a selection of tip styles and spacing 0.63mm centres
 New P707, SMT, BGA, testing. 0.70mm centres
 P709 bare and loaded boards, SMT, components testing 1.00mm centres
 P720 high performance micro-probes for bare SMT PCB testing 0.76mm centres

SERIES 702

SPECIFICATION

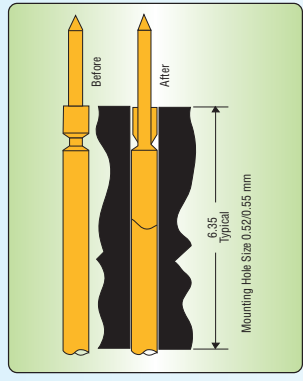
PROBE P702

Recommended minimum centres: 0.63mm

MECHANICAL
 Full travel: 1.91mm
 Recommended working travel: 1.27mm

SPRING FORCE
 Preload: 0.11N
 @ Working travel: 0.39N

ELECTRICAL
 Max current: 2 amps
 Terminal resistance: <50m ohms
 Recommended hole size: 0.7mm



TIP STYLES

P702-A(-W30) P702-B(-W30) P702-DI(-W30)

BeCu BeCu BeCu

Note: "W30" signifies supplied with 30" (76cms) of wire attached

SERIES 720

SPECIFICATION

PROBE P720

Recommended minimum centres: 0.76mm

MECHANICAL
 Full travel: 2.00mm
 Recommended working travel: 1.35mm

SPRING FORCE
 Preload: 0.13N
 @ Working travel: 0.30N

ELECTRICAL
 Max current: 0.5 amp
 Terminal resistance: <150m ohms

RECEPTACLES

R720-PW

Note: Pre-wired with 700mm of wire

STEEL

TIP STYLE

P720-Q3

STEEL

The top of the P702 barrel is flared, making its design different from other probes. This allows them to be 'pressed' directly into the probe plate, eliminating the need for a receptacle or gluing. This 'press-fit' feature also permits it to be installed in a variety of probe plate thicknesses and to be replaced relatively easily.

The P702 is available either with or without 76cms of 30AWG insulated wire attached and is installed into the probe plate with a probe insertion tool (PIT 702) or a pair of tweezers. Shrink tubing can be used on alternate probes to provide strain relief in the termination and to reduce the possibility of electrical shorting.

To replace the probe, the wire is cut at the termination and the probe is then pushed out of the probe plate.

SERIES 709

SPECIFICATION

PROBE P709

Recommended minimum centres: 1.0mm

MECHANICAL
 Full travel: 2.3mm
 Recommended working travel: 2.0mm

SPRING FORCE
 Preload: 0.1N
 @ Working travel: 0.5N

ELECTRICAL
 Max current: 0.5 amp
 Terminal resistance: <65m ohms
 Recommended hole size: 0.7mm

RECEPTACLES

R709

TIP STYLES

P709-B P709-E1

BeCu BeCu

SERIES 707

SPECIFICATION

PROBE P707

Recommended minimum centres: 0.70mm

MECHANICAL
 Full travel: 2.5mm
 Recommended working travel: 2.0mm

SPRING FORCE
 Preload: 0.1N
 @ Working travel: 0.5N ±20%

ELECTRICAL
 Max current: 1.0 amp
 Terminal resistance: <70m ohms
 Recommended hole size: 0.7mm

RECEPTACLES

WP707

N.B. Connecting plug WP707 is also available on request with 500mm insulated solid wire (0.05mm² / AWG30). Part Number R707-PW

TIP STYLES

P707-D1 P707-E1

STEEL STEEL

PROBE ORDER CODE
P702 - B (- W30)
 Series Tip Style Optional

Note: Tip Material shown Black - Standard Stock Item