

**P10/G and P740/G Series:** New threaded probes especially designed for miniaturised connectors as used in the automotive industry  
**P10/G** min centres 1.27mm travel 5.0mm **P740/G** min centres 1.91mm travel 3.0mm  
**P70/G Series:** Very short threaded probe min centres 2.54mm  
**P940/G Series:** new threaded version of P940 min centres 4.0mm travel 3.5mm 10amp current

**SERIES 10/G**

**SPECIFICATION**

**PROBE P10/G**

**MECHANICAL**  
 Recommended minimum centres: 1.27mm  
 Full travel: 5.0mm  
 Recommended Working travel: 4.0mm  
 Projection height: 10.5mm

**SPRING FORCE**  
 Preload: 0.2N  
 @ Working travel: 1.1N

**ELECTRICAL**  
 Max current: 3 amps  
 Terminal resistance: <50m ohms

**RECEPTACLES**

**R10/G-S**

**TIP STYLES**

**P10/G-B** **P10/G-C** **P10/G-D**

STEEL / BeCu    BeCu    BeCu

**Note:** Other tip styles — special order For probe insertion tool use PIT 10/G

**SERIES 70/G**

**SPECIFICATION**

**PROBE P70/G**

**MECHANICAL**  
 Recommended minimum centres 2.54mm  
 Full travel: 2.2mm  
 Recommended Working travel: 1.5mm

**SPRING FORCE**  
 Preload: 0.4N  
 @ Working travel: 1.0N

**ELECTRICAL**  
 Max current: 5 amps  
 Terminal resistance: <25m ohms  
 Temperature range: -20°C...+80°C  
 Projection height: 4.5mm

**RECEPTACLES**

**R70/G-S**

**P70/G-C** **P70/G-D1** **P70/G-F**

BeCu    BeCu    BeCu

**Note:** The compact dimensions of this pin are especially suitable for applications with limited space. This feature makes the P70/G very practical for small sized wire harness modules and interface solutions. It can also be implemented as a threaded interface pin. Using the tools it is screwed into the receptacle R70/G-S. The receptacle is vacuum tight after soldering of the wire. Order number for insertion tool PIT70/G-1.8 or insertion torque tool PIT70/GT.

**SERIES 940/G**

**SPECIFICATION**

**PROBE P940/G**

**MECHANICAL**  
 Spacing: 4.0mm  
 Full travel: 3.5mm  
 Recommended Working travel: 2.8mm

**SPRING FORCE**  
 Preload: 0.25N 0.30N 0.45N 0.50N  
 @ Working travel: 0.8N 1.2N 1.5N 2.5N

**ORDER PART NO.** -0 -1 -2

**ELECTRICAL**  
 Max current: 10 amps  
 Terminal resistance: <10m ohms

**RECEPTACLES**

**R940/G-GR**

**P940/G-C/C1** **P940/G-D** **P940/G-E** **P940/G-F**

STEEL    STEEL    STEEL    STEEL

**SERIES 740/G**

**SPECIFICATION**

**PROBE P740/G**

**MECHANICAL**  
 Recommended minimum centres 1.91mm  
 Full travel: 3.0mm  
 Recommended Working travel: 2.4mm

**SPRING FORCE**  
 Preload: 0.2N  
 @ Working travel: 0.8N

**ELECTRICAL**  
 Max current: 2 amps  
 Terminal resistance: <20m ohms

**Recommended hole size:** 1.25mm

**RECEPTACLES**

**R740/G-S**

**P740/G-B** **P740/G-D** **P740/G-D1**

STEEL    STEEL    STEEL

**Note:** For probe insertion tool use PIT 740/G

**Note:** Tip styles: A, C, F, G, H all Ø1.5  
 May be available later. Please enquire.

**PROBE ORDER CODE**  
**P740/G - D**  
 Series Tip Style

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