

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

Recommended minimum centres	1.27mm
MECHANICAL	
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

STEEL / BeCu

P10/G-C

BeCu

P10/G-D

BeCu

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

SERIES 70/G

SPECIFICATION

PROBE P70/G

Recommended minimum centres	2.54mm
MECHANICAL	
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...+90°C
Projection height:	4.5mm

RECEPTACLES

R70/G-S

P70/G-C

BeCu

P70/G-D1

BeCu

P70/G-F

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

STEEL

P940/G-D

STEEL

P940/G-E

STEEL

P940/G-F

STEEL

SERIES 740/G

SPECIFICATION

PROBE P740/G

Recommended minimum centres	1.91mm
MECHANICAL	
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

STEEL

P740/G-D

STEEL

P740/G-D1

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