

HSP915 very short profile high current probe
HSP125-HSP400 high current probes from 25-400 amps
HSP100, 100 amp heavy duty probe. HSP41, 25 amp probe with threaded termination

PROBE ORDER CODE
HSP125
Series

SERIES HSP125-400

SPECIFICATION

PROBE HSP125-400

MECHANICAL
Operating stroke: 7.0mm
Maximum stroke: see table, column 'G'

ELECTRICAL
See table

ONLY ONE TIP STYLE
= FLAT AS SHOWN

Type A: silver plating
Type B: silver plating

Note: Type 'A' HSP120, 135, 150 Type 'B' HSP200 & 400

Order No. HSP	Maximum Current (A)	Transition Resistance (mΩ)	Spring Force Preload(N)	Spring Force Operating Stroke(N)	ØA (mm)	ØB (mm)	ØC (mm)	D (Thread)	E (mm)	F (mm)	G (mm)	H (mm)	SW (Spanner size mm)	Silver Plating Ø (mm)
125	25	1.0	5	10	4.9	9	9	M 5	20	28	9.5	37.5	7	4
135	35	0.7	6	12	7	13	12	M 6	27	42	10.5	25.7	10	6
150	100	0.5	7	17	9	16	15	M 6	27	42.2	12	27	12	6
200	200	0.3	38	58	16	26	25	M 8	27	52	11	40	20	3 x Ø6 PADS
400	400	0.1	70	116	25.9	32	32	M 14	51	52	11	63	*	3 x Ø8 PADS

Note: *Use adjustable spanner

SILVER PLATED CONTACTING TERMINALS FOR HIGH CURRENT TEST PROBES

KT-125: Ø6.5, Ø9.0, M5, 42, 27, SW7.5

KT-135: Ø12.9, Ø11.0, M6, 69.0, 42.0, 8.0

KT-150: Ø16.0, Ø14.0, M6, 69.0, 42.0, 8.0

KT-200: Ø20.0, M8, 76.0, 8.0

KT-400: Ø32.0, Ø32.0, M12, 101.5, 52.0, 20.0

SERIES HSP100

SPECIFICATION

PROBE HSP100

MECHANICAL
Recommended minimum centres: 17mm
Full travel: 7mm
Recommended working travel: 5mm

SPRING FORCE
Preload: 5N
@ Working travel: 9.5N

ELECTRICAL
Max current: 70-100 amps
Current rating DC continuous: 60 amps

Recommended hole size: 11mm

Tail Moves

HSP100-A/A1 HSP100-C/C1

HSP100-A
X= Ø11.5
Y= Ø10.5

HSP100-A1
X= Ø13.0
Y= Ø11.8

HSP100-C
C Ø12.0

HSP100-C1
C1 Ø10.0

BeCu

Probe HSP100

- The probe bolts into probe plate and can be easily removed for cleaning
- Comes supplied with fixings
- Connection method by solder tag and suitable copper braid
- Heads "A" and "A1" for probing onto M5 and M6 pan head screws
- Through-pin construction
- Takes up to 100 Amps
- Silver alloy contact area

SERIES HSP915

SPECIFICATION

PROBE HSP915-D1

MECHANICAL
Recommended minimum centres: 2.54mm
Full travel: 1.57mm
Recommended working travel: 1.00mm

OPERATING TEMPERATURE: -35°C to +105°C

SPRING FORCE
Preload: 0.46N
@ Working travel: 1.3N

ELECTRICAL
Max current: 3 amps
Probe resistance: <25m ohms

Solder Tail to PCB/Flexi or wires

HSP915-D1

FULL RADIUS

BeCu

SERIES HSP41F

SPECIFICATION

PROBE HSP41-F

MECHANICAL
Full travel: 6.35mm
Recommended working travel: 4.24mm

OPERATING TEMPERATURE: -40°C to +204°C

SPRING FORCE
Preload: 4.5N
@ Working travel: 6.5N

ELECTRICAL
Max current: 25 amps

Note: Termination is via the tapped hole with wire attached

PROBE ORDER CODE
HSP915 - D1
Series Tip Style

We are continually updating our range of Test Probes. Should your exact needs for your application not appear in this catalogue, please call us for assistance.