PTR HARTMANN
A Phoenix Mecano Company

ICT-Test Probe 100 mil / 2.54 mm

HIGHLIGHTS	
Metric design	
Collar Height 9.0 | 10.0 mm	
Contacting of assembled PCBs	
Large selection of tip styles	
Variable installation heights from various collar dimensions	
MECHANICAL DATA	
Center	2.54 mm/100 mil
Full travel	5.30 mm
Working travel	4.00 mm
Pre-loaded spring force	0.30/ 0.40/ 0.50/ 0.70/ 1.00/ 1.00 N
Spring force at working travel	0.70/ 1.00/ 1.50/ 2.25/ 3.00/ 5.00 N
Temperature range	-30 °C - +120 °C
ELECTRICAL DATA	
Max. current rating	5.0...8.0 A
Typical continuity resistance	<= 25 mOhm
MATERIALS	
Barrel	Bronze/Brass, gold-plated
Spring	Spring Steel, Stainless Steel, gold-plated
Plunger	Steel, Plastic
Receptacle	Bronze, gold-plated
RECOMMENDED DIAMETER OF DRILL	
HP 2361.1 / EP CP 201 (trolitax)	1.99 mm
HGW 2372 (glass filled material)	2.00 mm
HIGH-TEMPERATURE APPLICATIONS	
Temperature range	-40 °C - +250 °C
Pre-loaded spring force	0.50/ 0.70/ 1.00 N
Spring force at working travel (order index E)	1.50/ 2.25/ 3.00 N

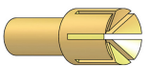
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TIP STYLE - DIAMETER - PLATING



A

2.00 Au/Ni/Rh



A6

1.80C Au
2.00C Au



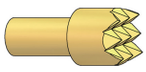
B

0.65 Ni
0.80 Au/Ni/Rh
1.00 Au/Ni/Rh



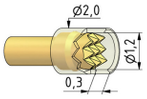
BST

0.80 Au/Ni



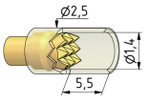
C

1.30 Au/Ni/Rh
1.50 Au
1.80 Au/Ni/Rh
2.00 Au/Ni
2.30 Rh
2.50 Au/Ni
3.00 Rh



C1S

1.20/2.00 Au/HTK



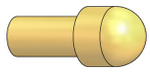
C5S

1.40/2.50 Au/HTK



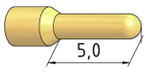
D

0.65 Au
0.65 Ni
0.80 Au
1.00 Au



D

1.30 Au/Ni
1.40 Au
1.80 Ni
2.00 Au



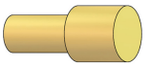
D1

0.64 Au
0.65 Au/Ni



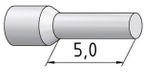
F

0.80 Au
1.00 Au/Ni



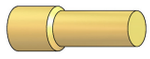
F

1.50 Au
1.80 Au
2.00 Au
2.00 Ni



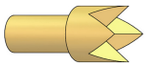
F1

0.65 Ni



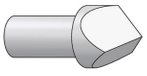
F4

0.80 Au



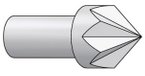
G

1.30 Ni
1.80 Au
1.80 Rh
2.00 Au



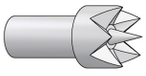
H

1.80 Rh
2.00 Rh



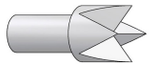
K

1.15 Ni
1.75 Ni
2.00 Rh



M

1.80 Rh

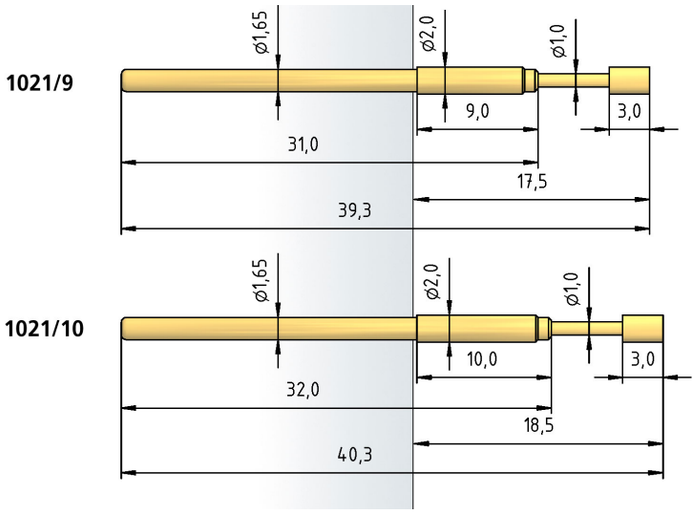


Q

1.00 Ni
1.30 Au
1.30 Ni

Technical Data // Series 1021/9 • 1021/10

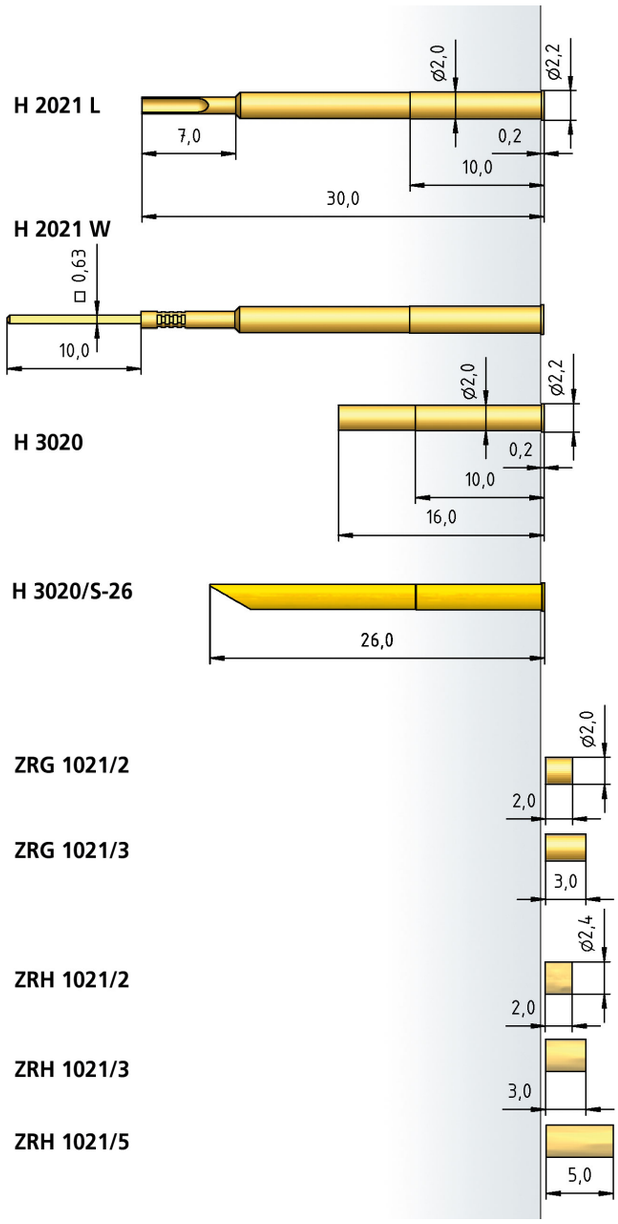
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Technical Data // Series 1021/9 • 1021/10

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Receptacles 1021/9 ? 1021/10



HOW TO ORDER

1021/	9	-	F	-	1.5 N	E	-	Au	-	2.0
1	2		3		4	5		6		7

1. Series 2. Collar Height 3. Tip Style
4. Spring Force 5. High Temperature 6. Tip Plating
7. Tip Diameter