

**Technical Data // Series 1021/5R • 1021/6**

ICT-Test Probe 100 mil / 2.54 mm

HIGHLIGHTS

Metric design

Collar Height 5.0 mm | Test Probe knurled

Collar Height 6.0 mm

Contacting of assembled PCBs

Large selection of head styles

Variable installation heights from various collar dimensions

MECHANICAL DATA

Center	2.54 mm/100 mil
Temperature range	-30 °C - +120 °C
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

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 (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

**PTR HARTMANN**

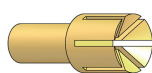
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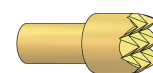
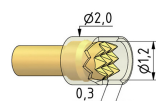
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TIP STYLE - DIAMETER - PLATING**A**

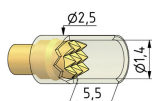
2.00 Au/Ni/Rh

**A6**1.80C Au
2.00C Au**B**0.65 Ni
0.80 Au/Ni/Rh
1.00 Au/Ni**BST**

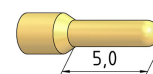
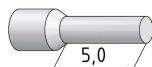
0.80 Au/Ni

**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**C15**

1.20/2.00 Au/HTK

**C55**

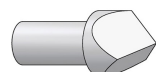
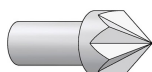
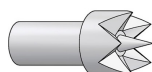
1.40/2.50 Au/HTK

**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**

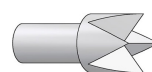
0.65 Ni

**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

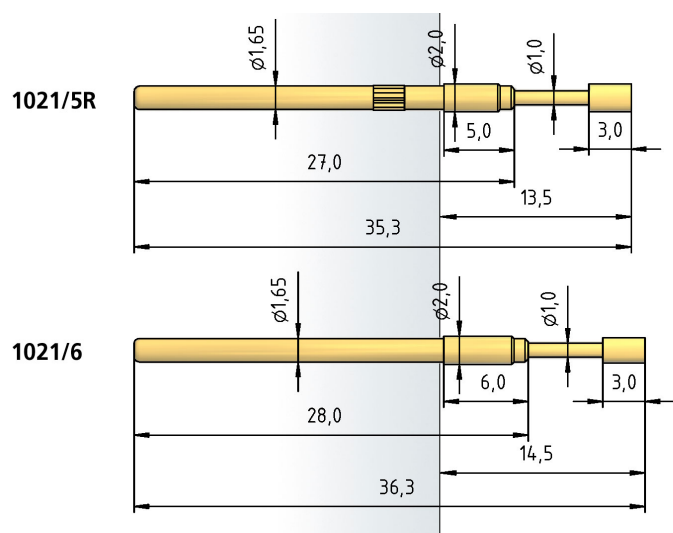


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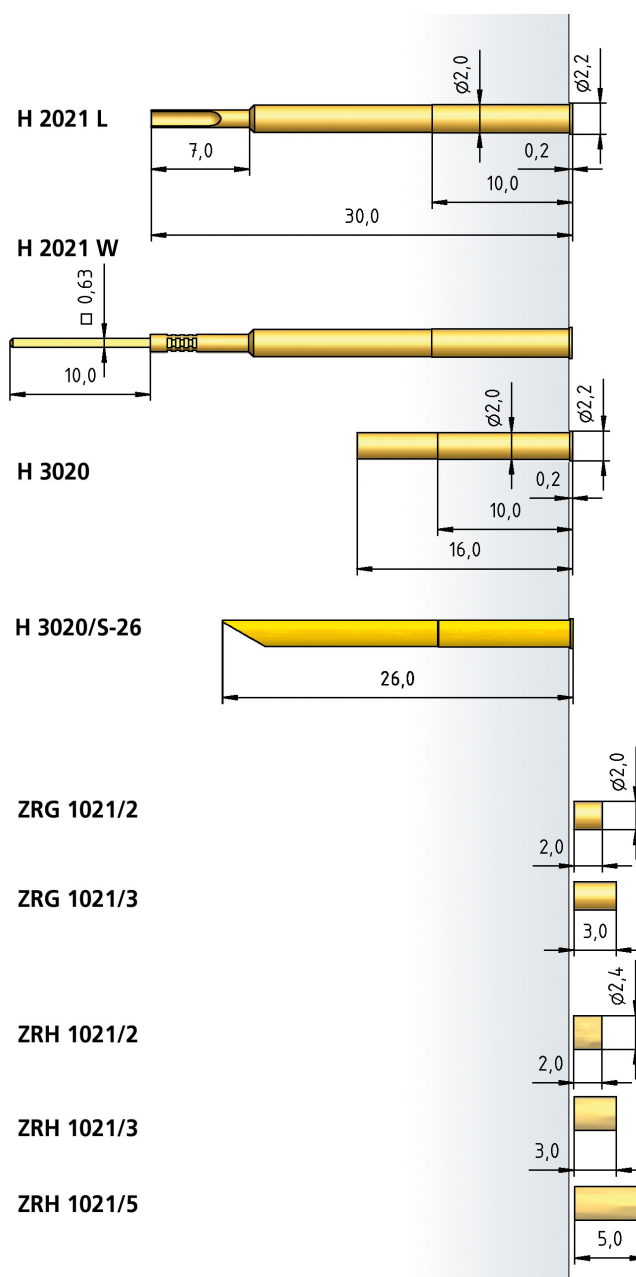
PTR HARTMANN

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Receptacles 1021/5R ? 1021/6



HOW TO ORDER

1021/ 5R - 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