Technical Data // Series 1021/4

PTR HARTMANN
A Phoenix Mecano Company

ICT-Test Probe 100 mil / 2.54 mm

HIGHLIGHTS	
Metric design	
Collar Height 4.0 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	
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

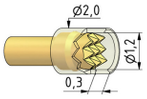
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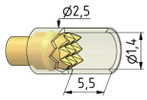
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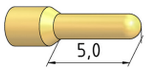
TIP STYLE - DIAMETER - PLATING



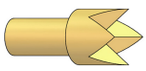
A	A6	B	BST	C
2.00 Au/Ni/Rh	1.80C Au 2.00C Au	0.65 Ni 0.80 Au/Ni/Rh 1.00 Au/Ni/Rh	0.80 Au/Ni	1.30 Au/Ni/Rh 1.50 Au 1.80 Au/Ni/Rh 2.00 Au/Ni 2.30 Rh 2.50 Au/Ni 3.00 Rh



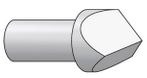




C1S	C5S	D	D	D1
1.20/2.00 Au/HTK	1.40/2.50 Au/HTK	0.65 Au 0.65 Ni 0.80 Au 1.00 Au	1.30 Au/Ni 1.40 Au 1.80 Ni 2.00 Au	0.64 Au 0.65 Au/Ni

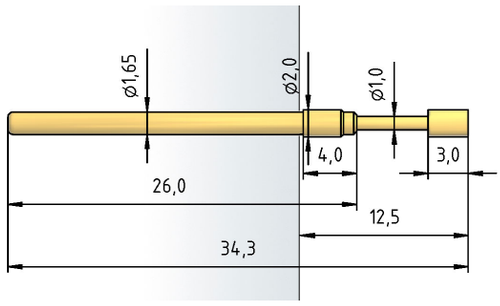


F	F	F1	F4	G
0.80 Au 1.00 Au/Ni	1.50 Au 1.80 Au 2.00 Au 2.00 Ni	0.65 Ni	0.80 Au	1.30 Ni 1.80 Au 1.80 Rh 2.00 Au



H	K	M	Q
1.80 Rh 2.00 Rh	1.15 Ni 1.75 Ni 2.00 Rh	1.80 Rh	1.00 Ni 1.30 Au 1.30 Ni

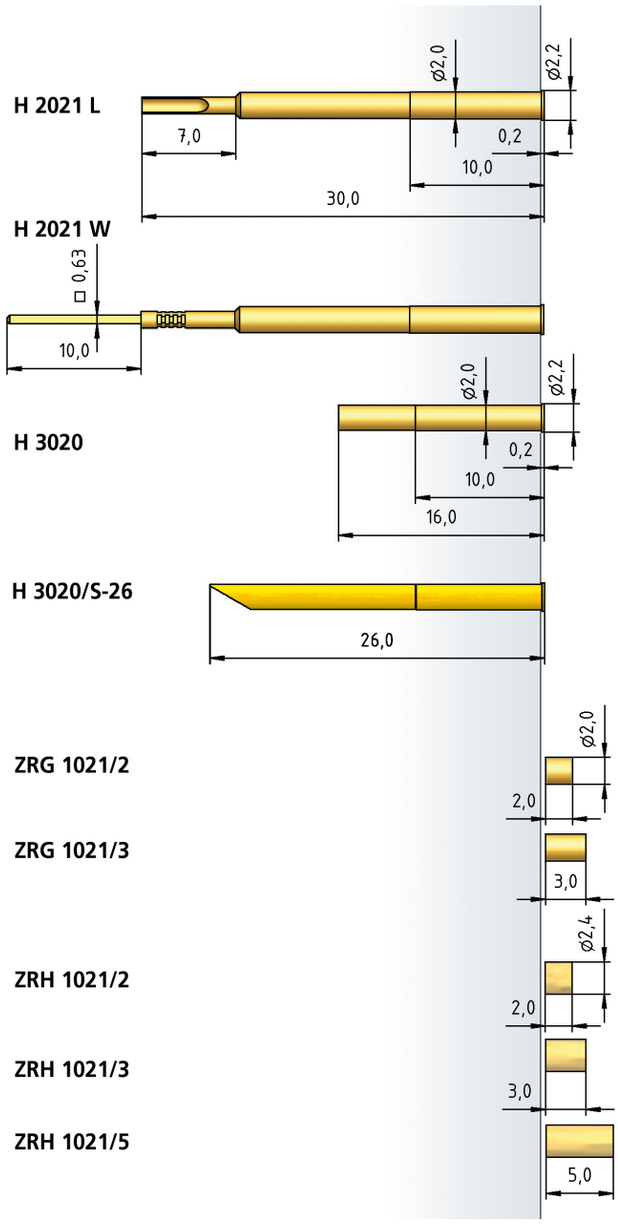
1021/4



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Receptacles 1021/4



HOW TO ORDER

1021/	4	-	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