Technical Data // Series 1028/4 • 1028/5R

PTR HARTMANN
A Phoenix Mecano Company

ICT-Test Probe 100 mil / 2.54 mm

HIGHLIGHTS	
Metric design	
Collar Height 4.0 | 5.0 mm	
Contacting of assembled PCBs	
Large selection of head styles	
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	3.0 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/ 0.50/ 0.80 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

1.50 Au
1.80 Ni

B

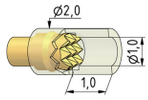
1.30 Rh

BST

0.80 Au/Ni

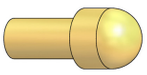
C

1.40 Au
1.80 Rh
2.00 Rh
2.50 Rh
3.50 Rh



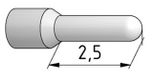
CSM

1.00/2.00 Au/HTK



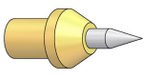
D

1.40 Au
2.00 Au



D1

0.65 Ni
0.80 Ni

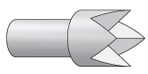


EB

1.80 Au

F

1.30 Ni

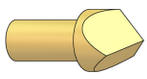


G

1.30 Ni
1.50 Rh

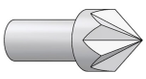
H

1.30 Au



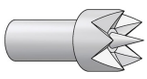
H

1.40 Au
1.80 Au



K

1.30 Au
1.75 Ni

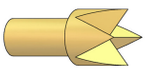


M6

2.00 Rh

Q

1.30 Au

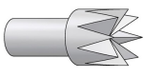


Q

1.80 Au
2.00 Au

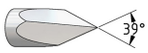
Q5

1.30 Ni



Q8

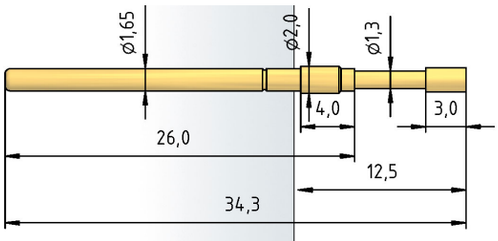
2.30 Ni



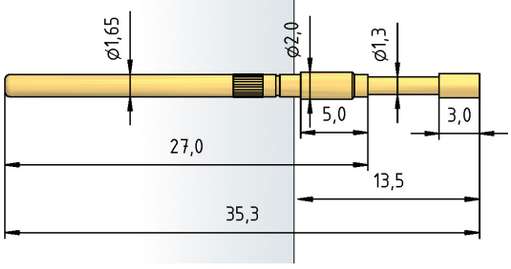
V

1.30 Ni

1028/4



1028/5R



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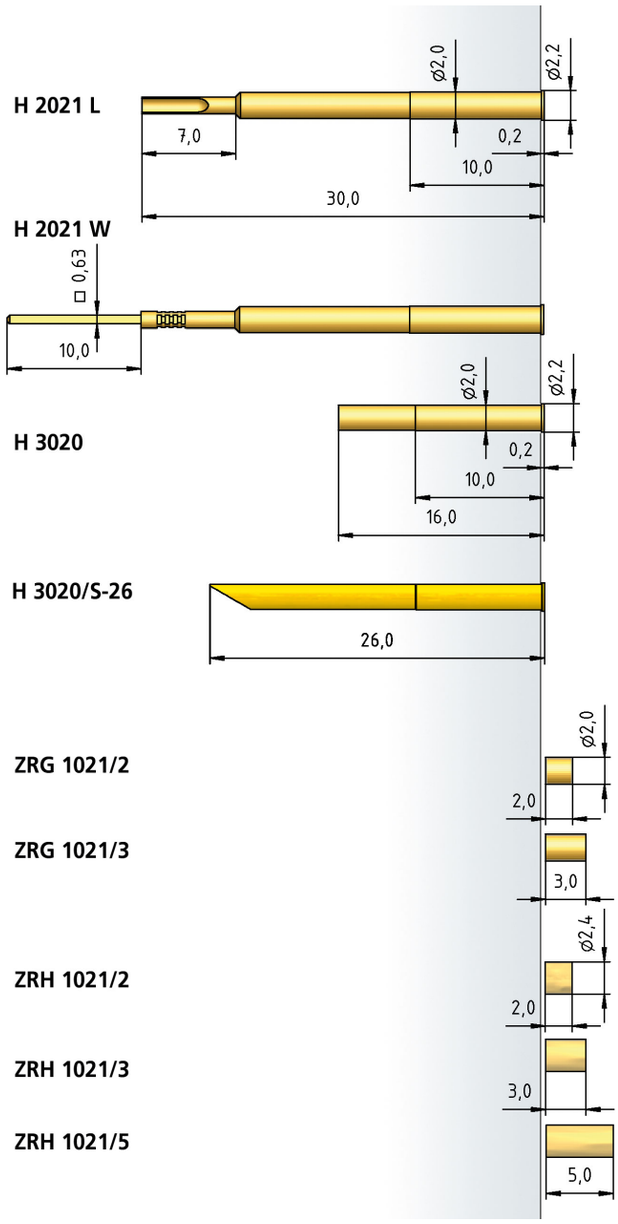
Receptacles 1028/4 ? 1028/5R



HOW TO ORDER

1028	/5R	-	A	-	1.5 N	E	-	Au	-	1.5
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