

**Technical Data // Series 1021/G • 1021/5G**

High-Current Test Probe 100 mil / 2.54 mm up to 20.0 A

HIGHLIGHTS

For use in burn-in and run-in test

Transmission of high currents

Low contact resistance

MECHANICAL DATA

Center	2.54 mm/100 mil
Temperature range	-40 °C - +250 °C
Full travel	5.30 mm
Working travel	4.00 mm
Spring force at working travel	see high-temperature applications

ELECTRICAL DATA

Max. current rating	20.0 A
Typical continuity resistance	<= 10 mOhm

MATERIALS

Barrel	Brass, gold-plated
Spring	Stainless Steel, gold-plated
Plunger	CuBe, gold-plated/Silver Cap
Receptacle	Brass, gold-plated

RECOMMENDED DIAMETER OF DRILL**H 1021 L**

HP 2361.1 (trolitax)	1.98...2.00 mm
HGW 2372 (glass filled material)	1.98...2.01 mm

H 1021/(5)GR(V)-C(L)

HP 2361.1 (trolitax)	2.00 mm
HGW 2372 (glass filled material)	2.03 mm

HIGH-TEMPERATURE APPLICATIONS

Temperature range	
Pre-loaded spring force	0.40/ 0.50/ 0.70/ 1.00 N
Spring force at working travel (order index E)	1.50/ 2.25/ 3.00/ 5.00 N

AVAILABLE SCREW TOOLS

Article Designation	max. Tip Diameter
WFSB 1021/G-2.54-1.8	1.8
WFSB 1021/G-2.54-2.0	2.0
WFSB 1021/G-3.5-3.0-Z	3.0
WFSB 1021/G-C2S-3.0-2.5-Z	2.5



PTR HARTMANN

A Phoenix Mecano Company

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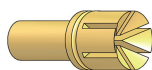
High-Current Test Probe 100 mil / 2.54 mm up to 20.0 A

TIP STYLE - DIAMETER - PLATING



AX

2.00C Au



A6X

2.00C Au



BX

1.00C Au



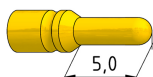
CX

1.30C Au
1.80C Au
2.00C Au
2.50C Au
3.00C Au
3.50C Au



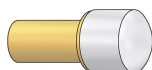
DX

0.80C Au
1.00C Au



D1X

0.65C Au



D3X

2.00C Ag



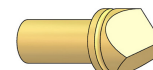
EX

1.80C Au



FX

1.00C Au



HX

1.10C Au
1.40C Au
1.70C Au



KX

1.25C Au
1.75C Au

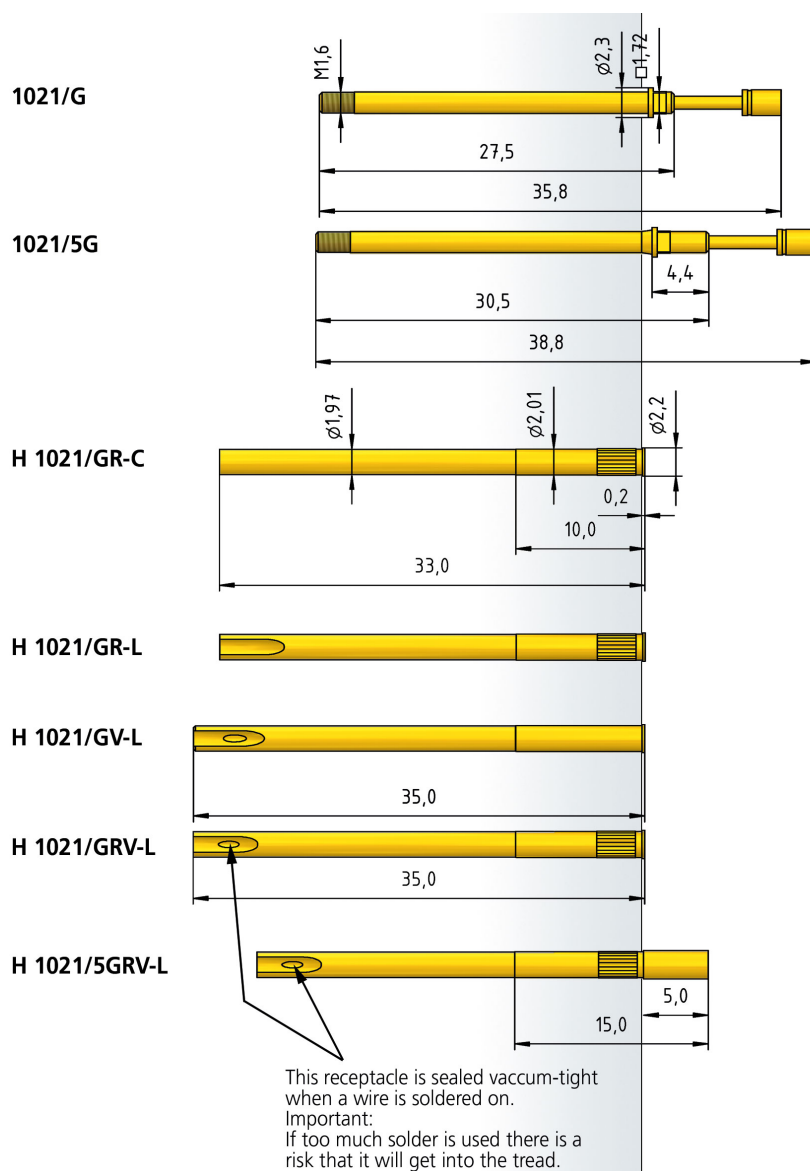


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HOW TO ORDER

1021/ 5 G - CX - 3.0 N E - Au - 2.0 C

1 2 3 4 5 6 7 8 9

- 1. Series 2. Collar Height 3. Threaded Design
- 4. Tip Style 5. Spring Force 6. High Temperature
- 7. Tip Plating 8. Tip Diameter 9. Tip Material (only for CuBe)