

**Technical Data // Series 3024/2G**

Switching Test Probe with Easy-Replacement System 100 mil / 2.54 mm

HIGHLIGHTS

Test Probe with switching function for cable harness test and presence verification

Threaded type

Easy-replacement system (replacement without soldering)

Short design (24.5 mm)

High soldering temperature up to 300°C

FS1 insulated metal cap

MECHANICAL DATA

Center 2.54 mm/100 mil

Temperature range -30 °C - +120 °C

Full travel 5.00 mm

Working travel 4.00 mm

Switching travel 2.60 mm

Pre-loaded spring force 0.30/ 0.50/ 0.50 N

Spring force at working travel 1.35/ 2.00/ 2.50 N

Spring force at switching travel 1.00/ 1.50/ 1.80 N

ELECTRICAL DATA**Receptacle-Plunger**

Max. current rating 3.0 A

Typical continuity resistance <= 20 mOhm

Typical insulating voltage 1000 V

Pin-Plunger

Max. current rating 1.0 A

Typical continuity resistance <= 50 mOhm

MATERIALS

Barrel Brass, gold-plated

Spring Spring Steel, gold-plated

Plunger CuBe, gold-plated with Insulator

Receptacle Brass, gold-plated

RECOMMENDED DIAMETER OF DRILL

HP 2361.1 (trolitax) 2.15 mm

HGW 2372 (glass filled material) 2.16 mm

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

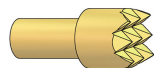
WFSB 1021/G-C2S-3.0-2.5-Z 2.5



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TIP STYLE - DIAMETER - PLATING



C
1.80C Au



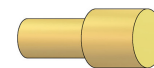
D
1.00C Au



F
0.50C Au



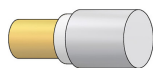
F
1.00C Au



F
1.80C Au

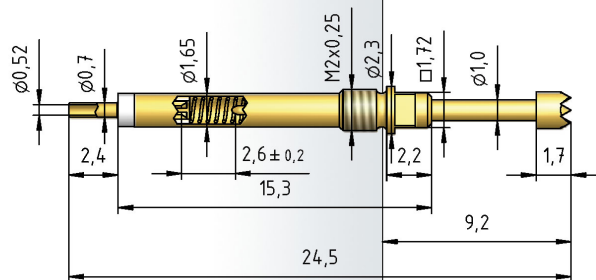


F1
1.80 HTK

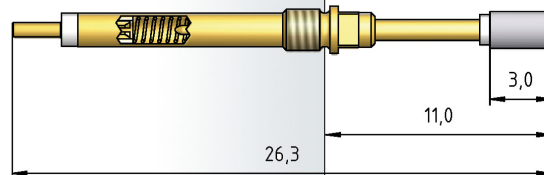


FS1
2.00C Ni/S

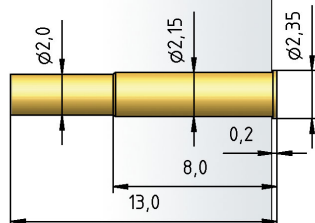
3024/2G



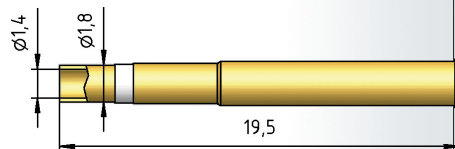
3024/2G-FS1



H 3024/G



H 3024/GW





PTR HARTMANN

A Phoenix Mecano Company

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HOW TO ORDER

3024/ 2 G - C - 2.0 N - Au - 1.8 C

1 2 3 4 5 6 7 8

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