

**Technical Data // Series 3020/2GW5**

Switching Test Probe with Easy-Replacement System 100 mil / 2.54 mm - Switching Travel 4.0 mm

HIGHLIGHTS

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

Threaded type

Switching travel 4.0 mm

High soldering temperature up to 300°C

MECHANICAL DATA

| | |
|----------------------------------|--------------------------|
| Center | 2.54 mm/100 mil |
| Temperature range | -30 °C - +120 °C |
| Full travel | 5.30 mm |
| Working travel | 4.00 mm |
| Switching travel | 4.00 mm |
| Pre-loaded spring force | 0.15/ 0.40/ 0.50/ 1.70 N |
| Spring force at working travel | 0.30/ 1.00/ 2.50/ 6.00 N |
| Spring force at switching travel | 0.30/ 1.00/ 2.50/ 6.00 N |

ELECTRICAL DATA**Receptacle-Plunger**

| | |
|-------------------------------|------------|
| Max. current rating | 3.0 A |
| Typical continuity resistance | <= 20 mOhm |

Pin-Plunger

| | |
|-------------------------------|------------|
| Max. current rating | 1.0 A |
| Typical continuity resistance | <= 50 mOhm |
| Typical insulating voltage | 1000 V |

MATERIALS

| | |
|------------|---------------------------|
| Barrel | Brass, gold-plated |
| Spring | Spring Steel, gold-plated |
| Plunger | Steel |
| 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 |



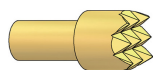
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TIP STYLE - DIAMETER - PLATING



A
1.50 Au



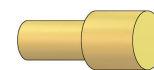
C
1.30 Au
1.50 Au
3.00 Au



C3
1.50 Au



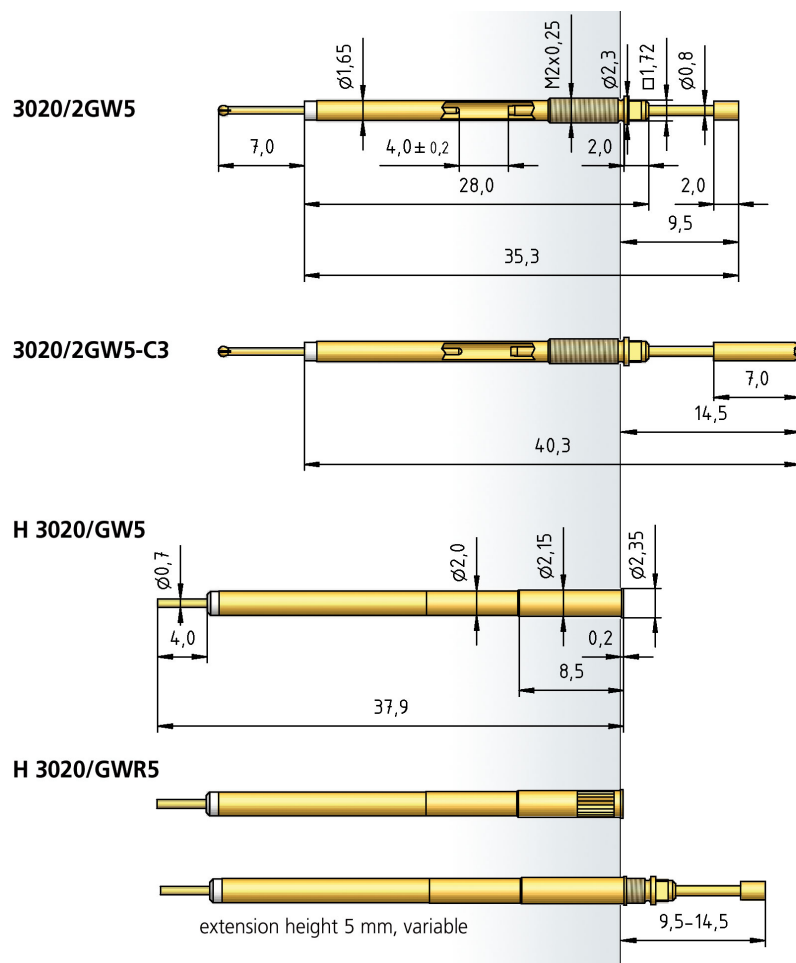
F
0.80 Au



F
1.00 Au
1.30 Au
1.50 Au



F1
1.50 HTK





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HOW TO ORDER

3020/ 2 G W 5 - F - 1.5 N - Au - 1.5 /SH4.0

1 2 3 4 5 6 7 8 9 10

- 1. Series 2. Collar Height 3. Threaded Design
- 4. Interchangeable without Soldering 5. Adjustment Area of the Extension Height
- 6. Tip Style 7. Spring Force 8. Tip Plating
- 9. Tip Diameter 10. Switching Travel