

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

Switching Test Probe with Easy-Replacement System 100 mil / 2.54 mm - Switching Travel 2.6 mm

HIGHLIGHTS

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

Threaded type

Switching travel 2.6 mm (4.0 mm on request)

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	2.60 mm
Pre-loaded spring force	0.15/ 0.40/ 0.50/ 1.70 N
Spring force at working travel	0.80/ 1.50/ 3.00/ 6.50 N
Spring force at switching travel	0.25/ 0.80/ 1.80/ 4.50 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



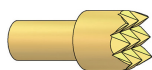
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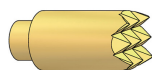
TIP STYLE - DIAMETER - PLATING



A
1.50 Au



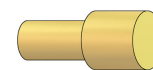
C
1.30 Au
1.50 Au
3.00 Au



C3
1.50 Au



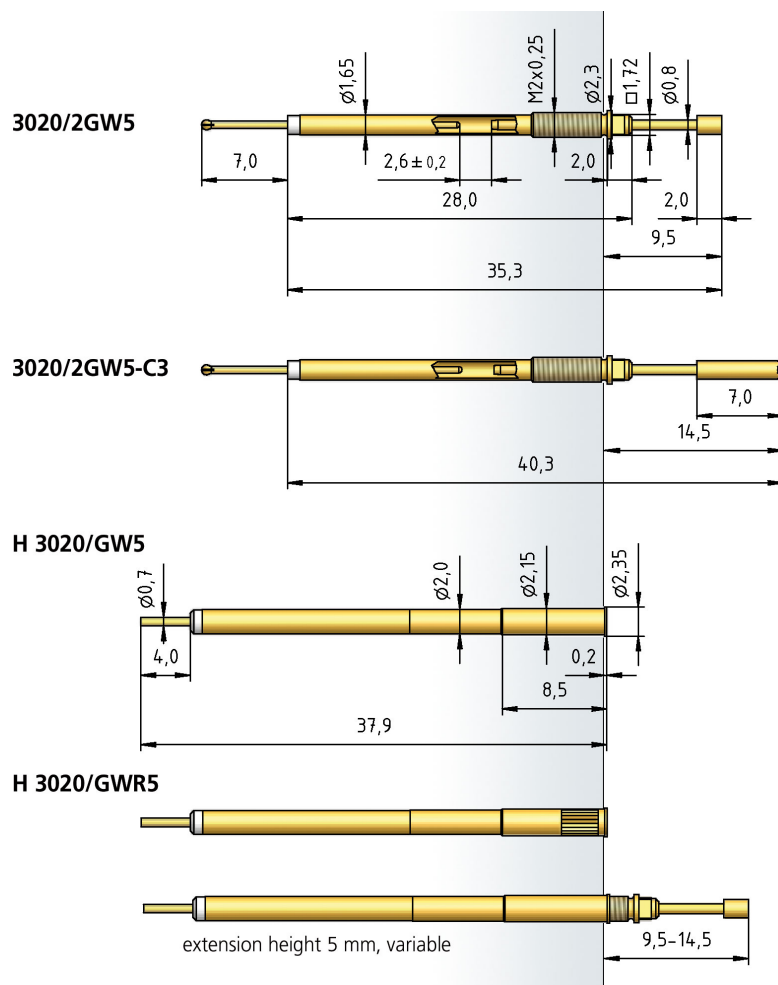
F
0.80 Au



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

1 2 3 4 5 6 7 8 9

- 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