

Series 3020/2

- Test Probe with switching function for cable harness test and presence verification
- Plug-in and threaded type available
- Monitoring of components or periphery
- 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)	2.00 mm
HGW 2372	2.01 mm

Tip style - Diameter - Plating

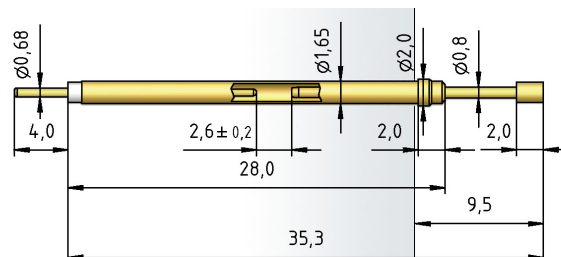


A	C	C3	F	F
1.50 Au	1.30 Au 1.50 Au 3.00 Au	1.50 Au	0.80 Au	1.00 Au 1.30 Au 1.50 Au

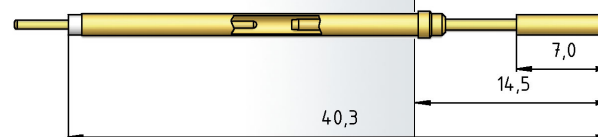


F1
1.50 HTK

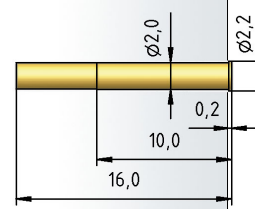
3020/2



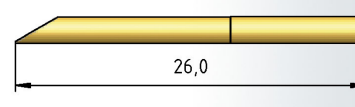
3020/2-C3



H 3020



H 3020/S-26



How to Order

3020/ 2 - F - 1.5 N - Au - 1.5

1 2 3 4 5 6

1. Series 2. Collar Height 3. Tip Style
4. Spring Force 5. Tip Plating 6. Tip Diameter

Series 3020/2

- Test Probe with switching function for cable harness test and presence verification
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- Monitoring of components or periphery
- 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

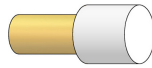
H 3020(/S-26)

HP 2361.1 (Trolitax)	2.00 mm
HGW 2372	2.01 mm

Tip style - Diameter - Plating

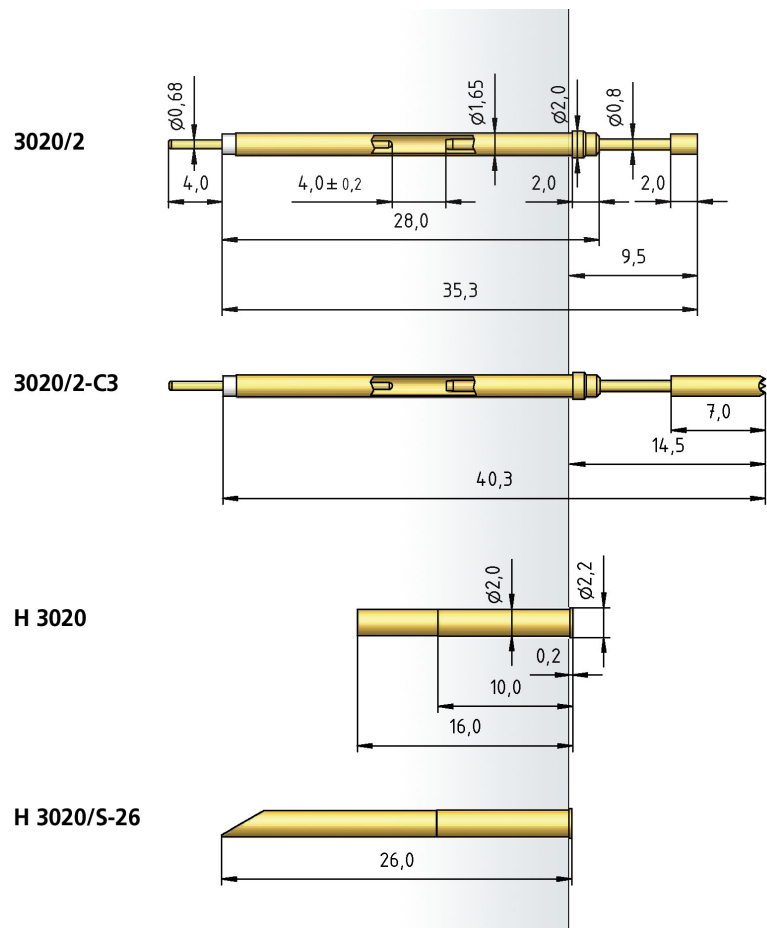


A	C	C3	F	F
1.50 Au	1.30 Au 1.50 Au 3.00 Au	1.50 Au	0.80 Au	1.00 Au 1.30 Au 1.50 Au



F1

1.50 HTK



How to Order

3020/ 2 - F - 1.0 N - Au - 1.5 /SH4.0

1 2 3 4 5 6 7

1. Series
2. Collar Height
3. Tip Style
4. Spring Force
5. Tip Plating
6. Tip Diameter
7. Switching Travel