

Series 3010/2GW • 3010/2GW5

- Test Probe with switching function for cable harness test and presence verification
- Threaded type
- Easy-replacement system (replacement without soldering)
- Switching travel 1.7 mm (4.0 mm on request)
- High soldering temperature up to 300°C
- Variable extension height

Mechanical Data

Center	4.00 mm/160 mil
Temperature Range	-30 °C - +120 °C
Full Travel	5.00 mm
Working Travel	4.00 mm
Switching Travel	1.70 mm
Pre-loaded Spring Force	0.12/ 0.25/ 0.30/ 0.40/ 0.60/ 1.80/ 1.40/ 1.70/ 2.00/ 2.70/ 2.00/ 5.00/ 4.00 N
Spring Force at Working Travel	1.25/ 1.75/ 2.30/ 2.80/ 4.00/ 7.00/ 7.50/ 9.00/ 9.50/ 10.00/ 10.50/ 13.00/ 13.50 N
Spring Force at Switching Travel	0.20/ 0.45/ 0.75/ 1.00/ 1.60/ 3.60/ 3.60/ 4.40/ 4.80/ 5.40/ 5.20/ 8.00/ 7.60 N

Electrical Data

Receptacle-Plunger

Max. Current Rating	5.0 A
Typical Continuity Resistance	<= 15 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 3010/GW(5)

HP 2361.1 (Trolitax)	3.28 mm
HGW 2372	3.29 mm

H 3010/GWR5

HP 2361.1 (Trolitax)	3.31 mm
HGW 2372	3.32 mm

Available Screw Tools

Article Designation max. Tin

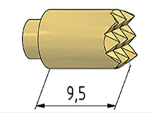
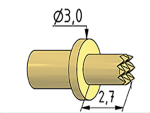
How to Order

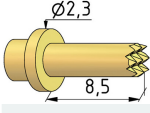
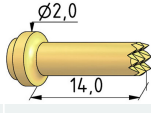
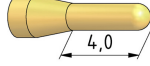
3010/ 2 G W 5 - C - 1.3 N - Au - 2.3

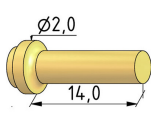
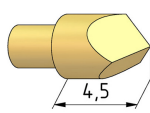
1 2 3 4 5 6 7 8 9

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

Tip style - Diameter - Plating

				
A	C	C	CL	C1
2.30 Au	1.80 Au	2.30 Au 3.00 Au 4.00 Au	2.30 Au	1.00 Au

				
CL1	CL2	CL3	D6	F
1.00 Au	1.80 Au	1.00 Au	1.00 Au	1.80 Au

			
F	F1	FL3	H2
2.00 Au 2.30 Au	2.30 HTK 3.00 HTK 4.00 HTK 5.00 HTK	1.00 Au	2.60 Au

