

# 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	
<b>Receptacle-Plunger</b>	
Max. Current Rating	5.0 A
Typical Continuity Resistance	<= 15 mOhm
<b>Pin-Plunger</b>	
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	
<b>H 3010/GW(5)</b>	
HP 2361.1 (Trolitax)	3.28 mm
HGW 2372	3.29 mm
<b>H 3010/GWR5</b>	
HP 2361.1 (Trolitax)	3.31 mm
HGW 2372	3.32 mm

### Available Screw Tools

Article Designation	max. Tin
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**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

