

Series 3023/2GS

- Test Probe with switching function for cable harness test and presence verification
- Easy-replacement system (replacement without soldering)
- Variable extension height
- High soldering temperature up to 300°C

Mechanical Data	
Center	2.54 mm/100 mil
Temperature Range	-30 °C - +120 °C
Full Travel	5.00 mm
Working Travel	4.00 mm
Switching Travel	1.50 mm
Pre-loaded Spring Force	0.12/ 0.30/ 0.40/ 0.80/ 0.80/ 1.40 N
Spring Force at Working Travel	0.85/ 1.35/ 2.00/ 3.00/ 3.50/ 6.50 N
Spring Force at Switching Travel	0.20/ 0.50/ 0.80/ 1.45/ 1.60/ 3.10 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

Available Screw Tools	
Article Designation	max. Tip Diameter
WFS 1021/G-2.54-1.8	1.8
WFS 1021/G-2.54-2.0	2.0
WFS 1021/G-3.5-3.0-Z	3.0
WFS 1021/G-C2S-3.0-2.5-Z	2.5

How to Order	
3023/ 2 G S - F - 3.5 N - Au - 1.8	
1 2 3 4 5 6 7 8	
1. Series 2. Collar Height 3. Threaded Design	
4. Plug-in Connector 5. Tip Style 6. Spring Force	
7. Tip Plating 8. Tip Diameter	

Tip style - Diameter - Plating



A	C	CL	D	DL
1.80 Au	1.00 Au 1.30 Au 1.50 Au 1.80 Au 2.00 Au 2.30 Au	1.00 Au 1.40 Au 1.80 Au	1.00 Au	1.00 Au



D1	F	F	F	F1
0.64 Au	0.64 Au	0.70 Au 0.80 Au 1.00 Au	1.80 Au	0.60 Au



F1	FL
1.80 Au/HTK 2.30 Au/HTK	1.00 Au

