

# Series 3024

- Switching test probe for the cable harness test
- Easy-replacement system
- Replacement without soldering
- Short design (24.5 mm)
- Soldering temperature max 300°C
- FS1 insulated metal cap

## Tip Style · Diameter · Plating

<b>C</b>	<b>D</b>	<b>F</b>	<b>F1</b>	<b>FS1</b>
1.80C Au	1.00C Au	1.00C Au	1.80 HTK	2.00C Ni/S

### Mechanical Data

Center	2.54 mm / 100 mil
Full Travel	5.00 mm
Working Travel	4.00 mm
Switching Travel	2.60 mm
Pre-Loaded Spring Force	0.30/ 0.50/ 0.50 N
Spring Force at Working Travel	1.35/ 2.00/ 2.50 N
Spring Force at Switching Travel	1.00/ 1.50/ 1.80 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

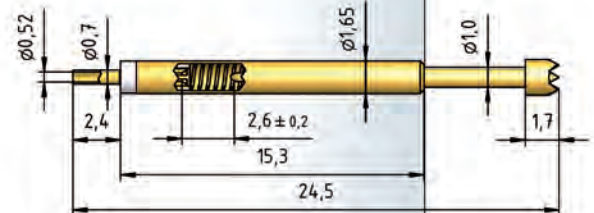
### Materials

Barrel	Brass, gold plated
Spring	Spring Steel, gold plated
Plunger	CuBe, gold plated with Insulator
Receptacle	Brass, gold plated

### Recommended Diameter of Drill

HP 2361.1 (Trolitax)	2.15 mm
HGW 2372 (Glass filled Material)	2.16 mm

3024



### How to Order

**3024** - C - 2.0 N - Au - 1.8 C

1 2 3 4 5 6

1. Series 2. Tip Style 3. Spring Force 4. Tip Plating 5. Tip Diameter  
6. Tip Material (only for CuBe)