

Series 5087/FL

- Push-back test probe for the cable harness test
- Suitable when standard head styles are used

Mechanical Data

| | |
|----------------------------------|----------------------|
| Center | 4.00 mm/160 mil |
| Temperature Range | -30 °C - +120 °C |
| Full Travel | 6.00 mm |
| Working Travel | 5.00 mm |
| Switching Travel | 3.00 mm |
| Pre-loaded Spring Force | 3.00/ 6.00/ 10.50 N |
| Spring Force at Working Travel | 9.00/ 15.00/ 20.00 N |
| Spring Force at Switching Travel | 6.60/ 10.80/ 16.20 N |

Electrical Data

Barrel-Probe Tip

| | |
|-------------------------------|-----------|
| Max. Current Rating | 20.0 A |
| Typical Continuity Resistance | <= 3 mOhm |

Connector Probe Tip

| | |
|-------------------------------|------------|
| Max. Current Rating | 1.0 A |
| Typical Continuity Resistance | <= 25 mOhm |
| Typical Insulating Voltage | 1000 V |

Materials

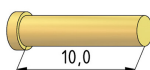
| | |
|---------|---------------------------|
| Barrel | Brass, gold plated |
| Spring | Spring Steel, gold plated |
| Plunger | Steel, CuBe |

Recommended Diameter of Drill

| | |
|----------------------|---------|
| HP 2361.1 (Trolitax) | 3.00 mm |
|----------------------|---------|

(Tolerances dependent on carrier material, test drilling is recommended)

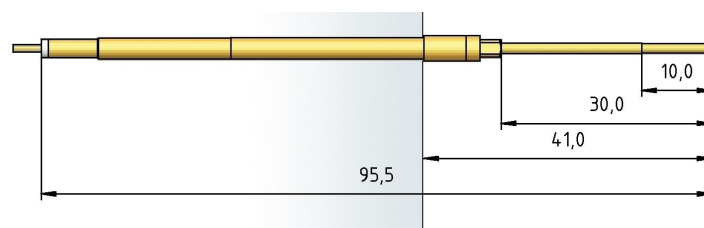
Tip style - Diameter - Plating



| |
|----------|
| FL |
| 1.30C Au |
| 1.80C Au |

| Connector PinX/mm | Connector Pin Length Y/mm |
|-------------------|---------------------------|
| 0.5 | 6.0 |
| 1.0 | 2.5 |
| 1.0 | 4.0 |

5087-FL



How to Order

5087 - FL - 15.0 N - Au - 1.3 C /1.0x 4.0

1 2 3 4 5 6 7 8

1. Series 2. Tip Style 3. Spring Force
 4. Tip Plating 5. Tip Diameter 6. Tip Material (only for CuBe)
 7. Connector Pin Diameter 8. Connector Pin Length