

F075...RP

Wobbling Plunger for Contacting Soldered Pins

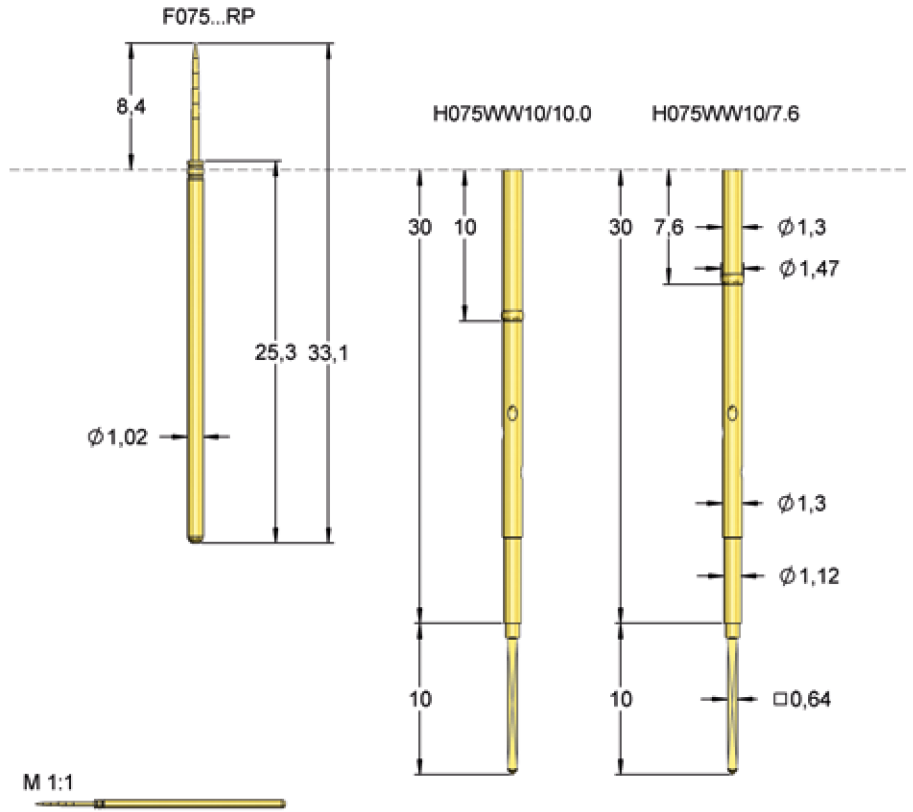
| | |
|-------------------------|---------------|
| Centers (mm/mil) | 1,90 / 75 |
| Current | 4,0 A |
| R typ | 50 mOhm |
| Temperature | -20°C...+80°C |

| Spring Force (cN ±20%) | | |
|------------------------|---------|---------|
| Version | Preload | Nominal |
| RP | 50 | 100 |
| RP | 70 | 150 |

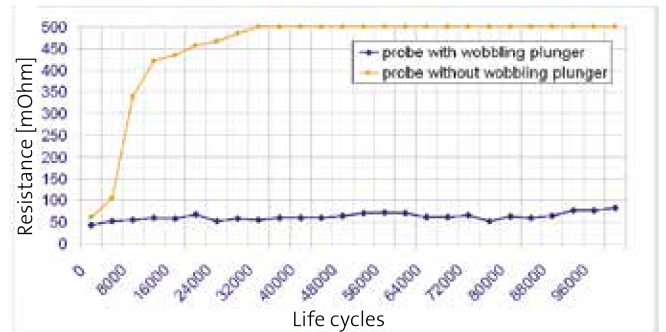
| Travel (mm) | | |
|-------------------|---------|----------|
| Version | Nominal | Maximum |
| RP | 4,3 | 6,4 |
| Pointing Accuracy | | ±0,08 mm |

| Materials and Plating | |
|-----------------------|----------------------------|
| Plunger | see tip style |
| Barrel | Bronze, gold plated |
| Spring | Music wire, silver plated |
| Receptacle | Nickel silver, gold plated |

| Accessories | |
|---------------------------|------------|
| Insertion tool receptacle | FEWZ-075EV |
| Insertion tool receptacle | FEWZ-075E0 |
| Insertion tool probe | FDWZ-075 |
| Plug lock | H075VS |



The deflection of a wobbling plunger substantially exceeds the function of the flexible needle. The special design of the plunger enables plunger deflections without notable abrasion. High level stress tests with plunger deflection up to 0.8 mm have resulted in outstanding electrical performance and life time of the probe. The diagram shows the comparison to a conventional probe without wobbling plunger.



| Series | Tip-Ø | Spring Force (cN) |
|-------------|-----------|-----------------------|
| F075 | 10 | S 050 L 100 RP |
| Tip Style | Material | Plating |
| Version | | |

Material: S = Steel
Tip-Ø: 050 = 0,50 mm (e.g.)
Plating: L = Longtime Gold plated
Version: RP = Wobbling Plunger
Receptacle: Order Code according drawing

| Tip Style | Number | Material | Plating | Ø in mm | Version |
|-----------|--------|----------|---------|---------|---------|
| | 10 | S | L | 0,50 | RP |