

**FM Choice**

Basic Contact Probes

**F10005B150G200**

Item number 1011718

**General**

|                  |                     |
|------------------|---------------------|
| Design           | Basic Contact Probe |
| Type/family      | F100                |
| Pitch (mm/mil)   | 2,54 / 100          |
| Temperature [C°] | -45°C...+100°C      |

**Electrical specifications**

|                                   |       |
|-----------------------------------|-------|
| Continuous current (A)            | 5.00  |
| Typical contact resistance (mOhm) | 20.00 |

**Mechanical specifications**

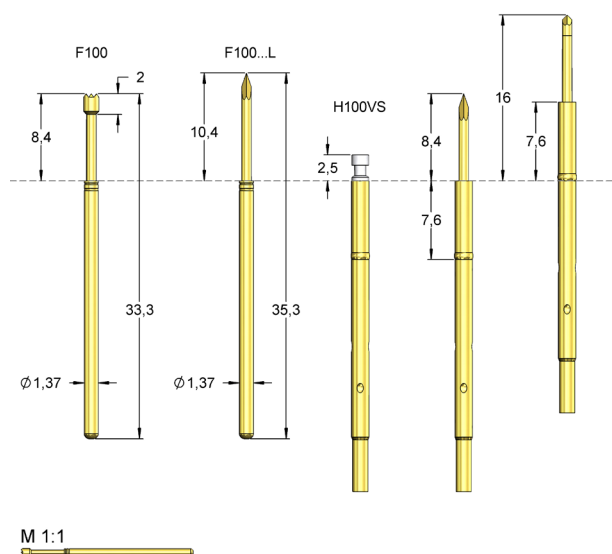
|                            |        |
|----------------------------|--------|
| Preload (cN)               | 80.00  |
| Spring force (cN)          | 200.00 |
| Nominal travel (mm)        | 4.30   |
| Maximum travel (mm)        | 6.40   |
| Pointing accuracy +/- (mm) | 0.08   |

**Dimensions**

|                         |       |
|-------------------------|-------|
| Total length (mm)       | 33.30 |
| Projection height (mm)  | 8.40  |
| Tip style diameter (mm) | 1.50  |
| Barrel diameter (mm)    | 1.37  |

**Family drawing**

All measurements are in mm.

**Materials & surfaces**

|                    |                  |
|--------------------|------------------|
| Tip style          | 05               |
| Tip style material | Beryllium cooper |
| Tip style plating  | Gold             |
| Plunger material   | Cooper           |
| Plunger plating    | Gold             |
| Barrel material    | Bronze           |
| Barrel plating     | Gold             |
| Spring material    | Spring steel     |
| Spring plating     | Silver           |

**Accessories**

|                     |            |
|---------------------|------------|
| Tool for receptacle | FEWZ-100EV |
|---------------------|------------|