

# High-current probe HSS-118 302 100 A 1509

Item HSS-118-0403



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Partner for Future Technology

## General data

|                                |                                     |
|--------------------------------|-------------------------------------|
| Product group                  | High-current test probe             |
| Sub-product group              | Standard HSS (press-in)             |
| Series                         | HSS-118                             |
| Grid                           | 2.54 mm [100 mil]                   |
| Contacting from                | Pin, post, bead probe, flat contact |
| Magnetic                       | Yes                                 |
| Installation type              | Plug-in                             |
| Quick-exchange system          | Yes                                 |
| Adjustable installation height | No                                  |
| Non-rotating                   | No                                  |
| Compatible receptacle(s)       | KS-112                              |
| Min. temperature               | - 100 °C [- 212 °F]                 |
| Max. temperature               | + 200 °C [+ 392 °F]                 |
| RoHS-compliant                 | RoHS-3;6c                           |

## Electrical data

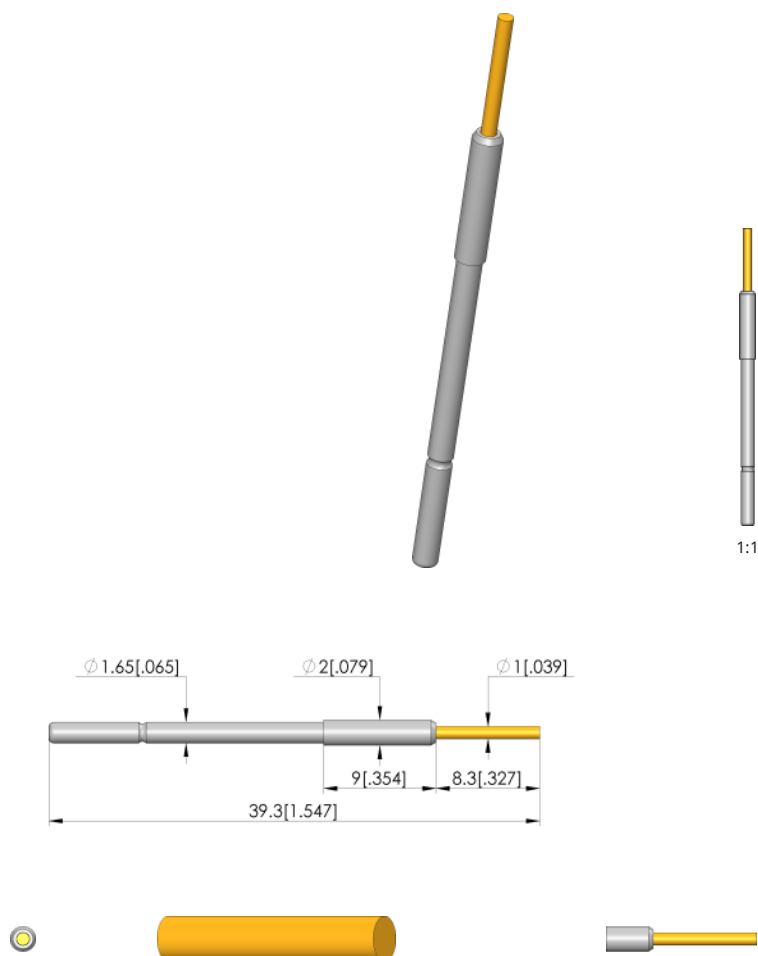
|                                       |          |
|---------------------------------------|----------|
| Current load capacity / rated current | 20 A     |
| Typical resistance (Ri)               | <10 mOhm |

## Mechanical data

|                                |                   |
|--------------------------------|-------------------|
| Total length                   | 39.3 mm [1.54 in] |
| Barrel diameter                | 1.66 mm [.065 in] |
| Maximum stroke                 | 8 mm [.314 in]    |
| Spring pre-load                | 0.48 N [1.72 ozf] |
| Collar height                  | 09                |
| Spring force at working stroke | 1.5 N [5.39 ozf]  |
| Recommended working stroke     | 4 mm [.157 in]    |

## Tip style data

|                    |                |
|--------------------|----------------|
| Tip style          | 02 flat        |
| Tip diameter       | 1 mm [.039 in] |
| Tip style surface  | A gold         |
| Tip style material | 3 CuBe         |

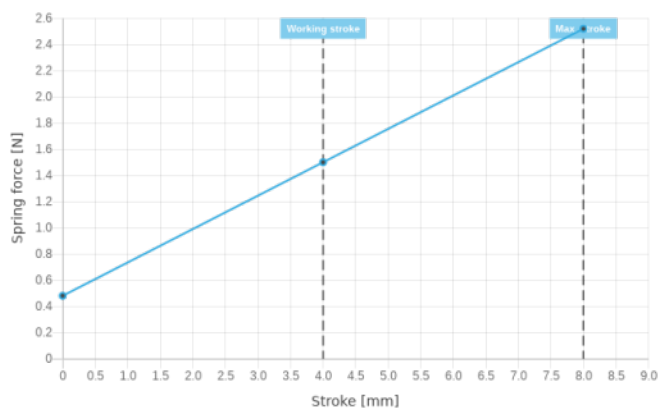


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