

# High-current probe HSS-118 317 175 A 0803

Item HSS-118-0407



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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                | Pad, Via, Female connector |
| 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

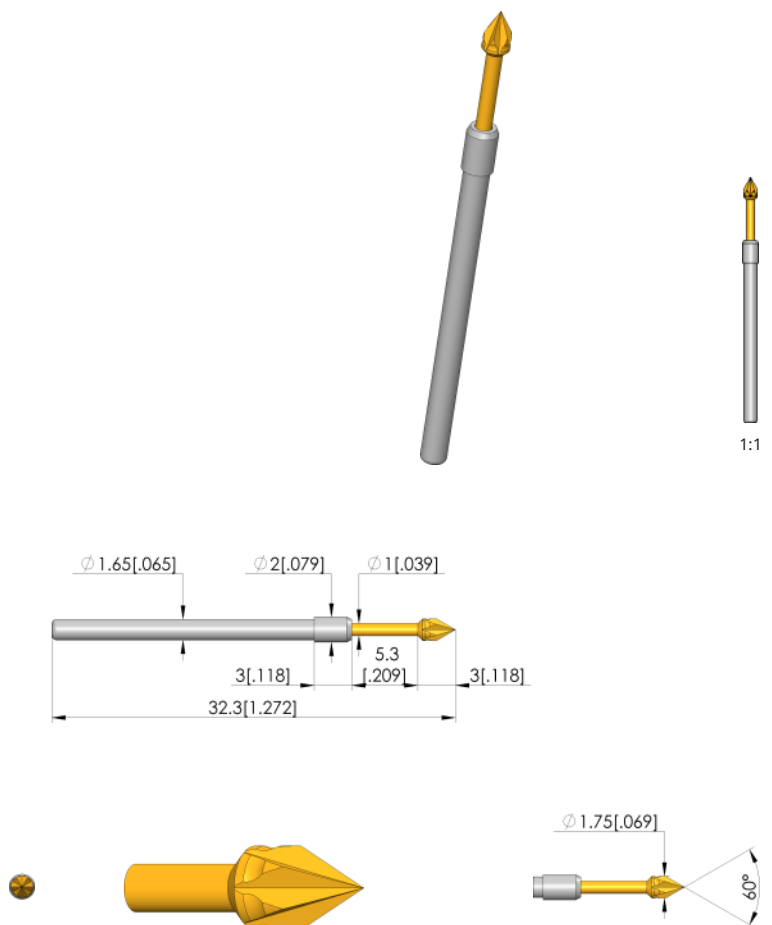
|                                       |          |
|---------------------------------------|----------|
| Current load capacity / rated current | 5 A      |
| Typical resistance (Ri)               | <10 mOhm |

## Mechanical data

|                                |                   |
|--------------------------------|-------------------|
| Total length                   | 32.3 mm [1.27 in] |
| Barrel diameter                | 1.66 mm [.065 in] |
| Maximum stroke                 | 5.3 mm [.208 in]  |
| Spring pre-load                | 0.24 N [.863 ozf] |
| Collar height                  | .03               |
| Spring force at working stroke | 0.8 N [2.87 ozf]  |
| Recommended working stroke     | 4 mm [.157 in]    |

## Tip style data

|                    |                                                        |
|--------------------|--------------------------------------------------------|
| Tip style          | 17 hexagonal pyramid with cutting edges, self-cleaning |
| Tip diameter       | 1.75 mm [.068 in]                                      |
| Tip style surface  | A gold                                                 |
| Tip style material | 3 CuBe                                                 |



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