

# Switching probe SKS-415 002 300 A 2305 E

Item SKS-415-0085



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## General data

|                                |                                        |
|--------------------------------|----------------------------------------|
| Product group                  | Switching probes                       |
| Sub-product group              | SKS (pressed-in)                       |
| Series                         | SKS-415 E quick-exchange / plug system |
| Grid                           | 3.5 mm [137 mil]                       |
| Contacting from                | Presence check                         |
| Magnetic                       | Yes                                    |
| Installation type              | Plug-in                                |
| Quick-exchange system          | Yes                                    |
| Type of test probe connection  | Plug                                   |
| Adjustable installation height | No                                     |
| Non-rotating                   | No                                     |
| Compatible connector(s)        | SE-415 KS, SE-502                      |
| Compatible receptacle(s)       | KS-113 23                              |
| Min. temperature               | - 40 °C [- 104 °F]                     |
| Max. temperature               | + 80 °C [+ 176 °F]                     |
| RoHS-compliant                 | RoHS-3;6c                              |

## Electrical data

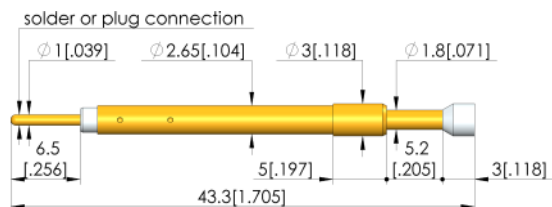
|                                       |           |
|---------------------------------------|-----------|
| Current load capacity / rated current | 5 A       |
| Typical resistance (Ri)               | <100 mOhm |

## Mechanical data

|                                 |                   |
|---------------------------------|-------------------|
| Total length                    | 43.3 mm [1.70 in] |
| Barrel diameter                 | 2.65 mm [.104 in] |
| Maximum stroke                  | 5.2 mm [.204 in]  |
| Spring pre-load                 | 0.5 N [1.79 ozf]  |
| Collar height                   | .05               |
| Switch path                     | 1.7 mm [.066 in]  |
| Switching point                 | 11.5 mm [.452 in] |
| Spring force at switching point | 0.9 N [3.23 ozf]  |

## Tip style data

|                    |                                     |
|--------------------|-------------------------------------|
| Tip style          | 002 flat, contact surface insulated |
| Tip diameter       | 3 mm [.118 in]                      |
| Tip style surface  | A gold                              |
| Tip style material | 0 plastic                           |



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