

# Switching probe SKS-415 353 230 A 2302 2

Item SKS-415-0023



**ingun**<sup>®</sup>

Partner for Future Technology

- For a wide range of applications: performs components detection check, is a switch for detecting closed/open states, and a signal transmitter for process control

## General data

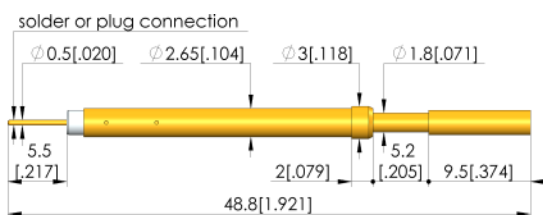
|                                |                       |
|--------------------------------|-----------------------|
| Product group                  | Switching probes      |
| Sub-product group              | SKS (pressed-in)      |
| Series                         | SKS-415 2 plug system |
| Grid                           | 3.5 mm [137 mil]      |
| Contacting from                | Pin, Post             |
| Magnetic                       | Yes                   |
| Installation type              | Plug-in               |
| Quick-exchange system          | No                    |
| Type of test probe connection  | Plug                  |
| Adjustable installation height | No                    |
| Non-rotating                   | No                    |
| Compatible connector(s)        | SE-415                |
| 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 |

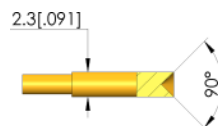
## Mechanical data

|                                 |                   |
|---------------------------------|-------------------|
| Total length                    | 49 mm [1.92 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                   | 02                |
| Switch path                     | 1.7 mm [.066 in]  |
| Switching point                 | 15 mm [.590 in]   |
| Spring force at switching point | 0.9 N [3.23 ozf]  |



## Tip style data

|                    |                                 |
|--------------------|---------------------------------|
| Tip style          | 53 inverse cone, special length |
| Tip diameter       | 2.3 mm [.090 in]                |
| Tip style surface  | A gold                          |
| Tip style material | 3 CuBe                          |



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