

# Switching probe

## SKS-215 302 100 A 3002 E

Item SKS-215-0079



GO TO PRODUCT

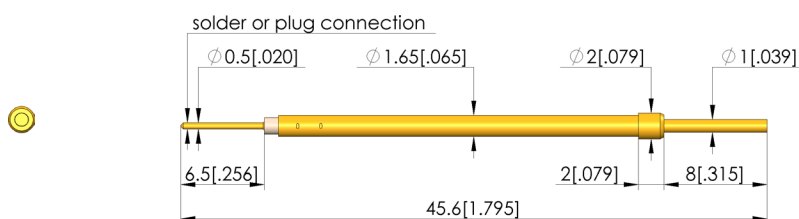
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- For a wide range of applications: performs components detection check, is a switch for detecting closed/open states, and a signal transmitter for process control
- The electrical connection is ensured by installation using a receptacle
- Designed as normally open (NO), i.e. The circuit is closed when actuated



1:1



### General data

|                                 |                                        |
|---------------------------------|----------------------------------------|
| Product group:                  | Switching probes                       |
| Sub-product group:              | SKS (pressed-in)                       |
| Series:                         | SKS-215 E quick-exchange / plug system |
| Grid:                           | 2.54 mm [100 mil]                      |
| Contacting from:                | Pin, posts, bead, flat contact         |
| 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                                 |
| Compatible receptacle(s):       | KS-215, KS-215 S                       |
| Min. temperature:               | - 40 °C [- 104 °F]                     |
| Max. temperature:               | + 80 °C [+ 176 °F]                     |
| RoHS-compliant:                 | RoHS-3;6c                              |

### Electrical data

Current load capacity / rated current:

3 A

### Mechanical data

|                                  |                   |
|----------------------------------|-------------------|
| Total length:                    | 45.6 mm [1.79 in] |
| Barrel diameter:                 | 1.65 mm [.064 in] |
| Maximum stroke:                  | 5 mm [.196 in]    |
| Spring pre-load:                 | 0.5 N [1.79 ozf]  |
| Collar height:                   | 02                |
| Switch path:                     | 1.5 mm [.059 in]  |
| Switching point:                 | 8.5 mm [.334 in]  |
| Spring force at switching point: | 0.9 N [3.23 ozf]  |

### 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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