

# Switching Probe (NO)

## SKS-215 305 100 A 1502

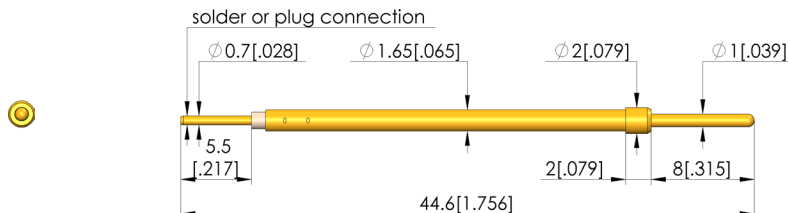
Item SKS-215-0019



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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



### General data

|                                 |                   |
|---------------------------------|-------------------|
| Product group:                  | SKS (pressed-in)  |
| Sub-product group:              | SKS (pressed-in)  |
| Series:                         | SKS-215           |
| Grid:                           | 2.54 mm [100 mil] |
| Contacting from:                | Pad               |
| 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-215            |
| Compatible receptacle(s):       | KS-215            |
| Min. temperature:               | -40 °C [-40 °F]   |
| Max. temperature:               | 80 °C [176 °F]    |
| RoHS-compliant:                 | Yes               |

### Tip style data

|                     |                               |
|---------------------|-------------------------------|
| Tip style:          | 05 bullet-nosed (full radius) |
| Tip diameter:       | 1 mm [.039 in]                |
| Tip style surface:  | A gold                        |
| Tip style material: | 3 CuBe                        |

### Electrical data

|                                        |     |
|----------------------------------------|-----|
| Current load capacity / rated current: | 3 A |
|----------------------------------------|-----|

### Mechanical data

|                                  |                   |
|----------------------------------|-------------------|
| Total length:                    | 44.6 mm [1.75 in] |
| Barrel diameter:                 | 1.65 mm [.064 in] |
| Maximum stroke:                  | 5 mm [.196 in]    |
| Spring pre-load:                 | 0.25 N [.899 ozf] |
| Collar height:                   | 02                |
| Switch path:                     | 1.5 mm [.059 in]  |
| Switching point:                 | 8.5 mm [.334 in]  |
| Spring force at switching point: | 0.45 N [1.61 ozf] |

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