

# Switching probe

## SKS-339 405 300 U 1301 M

Item SKS-339-0001



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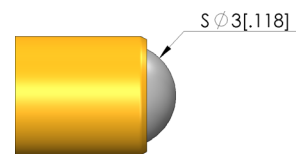
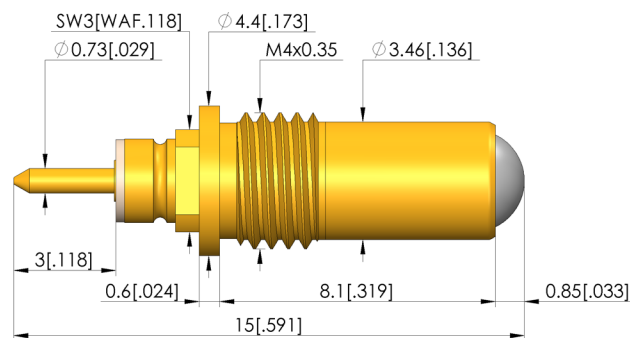
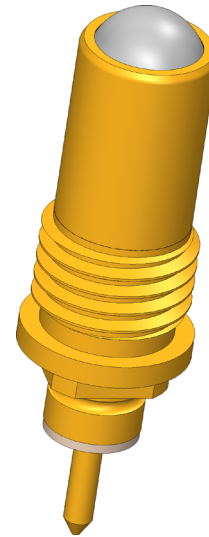
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- Switching probe for detection test of plugs in test modules from the side
- Especially suitable for applications with limited space
- The switching test probe is activated by a ball and is resistant to side forces
- The ball can transmit an electrical signal (not galvanically isolated from the connection pin)

### Application

To safely perform wire harness tests, the connector to be tested must be correctly inserted into the test module of the cable test table. The new SKS-339 M switching test probe has been developed for this application. This is particularly suitable for 216 mil grid size. When the connector is plugged into the test module, its presence is detected via the switching pin installed on the side. This is achieved by a ball, which closes the circuit after a defined switching path, which detects the presence of the connector.

NEW



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### General data

|                                 |                                  |
|---------------------------------|----------------------------------|
| Product group:                  | Switching probes                 |
| Sub-product group:              | SKS (screwed-in)                 |
| Series:                         | SKS-339 M standard               |
| Grid:                           | 5.5 mm [216 mil]                 |
| Contacting from:                | Pad, Female connector            |
| Magnetic:                       | Yes                              |
| Installation type:              | Screw-in                         |
| Quick-exchange system:          | No                               |
| Type of test probe connection:  | Solder connection                |
| Adjustable installation height: | Yes                              |
| Non-rotating:                   | No                               |
| Screw-in torque:                | 10 - 20 cNm [.885 - 1.77 lbf·in] |
| Compatible receptacle(s):       | KS-339 M                         |
| Min. temperature:               | - 40 °C [- 104 °F]               |
| Max. temperature:               | + 80 °C [+ 176 °F]               |
| RoHS-compliant:                 | RoHS-3;6c                        |

### Electrical data

|                                        |      |
|----------------------------------------|------|
| Current load capacity / rated current: | 10 A |
|----------------------------------------|------|

### Mechanical data

|                                  |                   |
|----------------------------------|-------------------|
| Total length:                    | 15 mm [.590 in]   |
| Barrel diameter:                 | 3.46 mm [.136 in] |
| Maximum stroke:                  | 0.85 mm [.033 in] |
| Spring pre-load:                 | 0.93 N [3.34 ozf] |
| Collar height:                   | 01                |
| Switch path:                     | 0.35 mm [.013 in] |
| Switching point:                 | 8.6 mm [.338 in]  |
| Spring force at switching point: | 1.1 N [3.95 ozf]  |

### Tip style data

|                     |                               |
|---------------------|-------------------------------|
| Tip style:          | 05 bullet-nosed (full radius) |
| Tip diameter:       | 3 mm [.118 in]                |
| Tip style surface:  | U unplated                    |
| Tip style material: | 4 stainless steel             |

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Test probes

