

# Switching probe

## SKS-215 305 080 A 0802

Item SKS-215-0301



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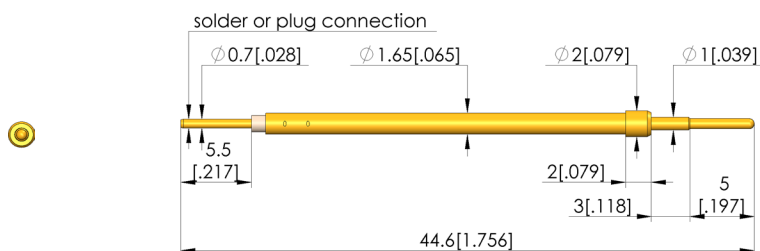
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- For a wide range of applications: performs components detection check, is a switch for detecting closed/open states, and a signal transmitter for process control
- The electrical connection is ensured by installation using a receptacle
- Designed 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 solder / plug system
Grid:	2.54 mm [100 mil]
Contacting from:	Pad, Female connector
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 [- 104 °F]
Max. temperature:	+ 80 °C [+ 176 °F]
RoHS-compliant:	RoHS-3;6c

### Mechanical data

Total length:	44.6 mm [1.75 in]
Barrel diameter:	1.65 mm [0.064 in]
Maximum stroke:	5 mm [0.196 in]
Spring pre-load:	0.13 N [0.467 ozf]
Collar height:	0.2
Switch path:	1.5 mm [0.059 in]
Switching point:	8.5 mm [0.334 in]
Spring force at switching point:	0.23 N [0.827 ozf]

### Tip style data

Tip style:	05 bullet-nosed (full radius)
Tip diameter:	0.8 mm [0.031 in]
Tip style surface:	A gold
Tip style material:	3 CuBe
Step probe tip height:	5 mm [0.196 in]

### Electrical data

Current load capacity / rated current:	3 A
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