

Switching probe

SKS-415 002 500 A 2305 E

Item SKS-415-0090



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Partner for Future Technology

General data

Product group	Switching probes
Sub-product group	SKS (pressed-in)
Series	SKS-415 E quick-exchange / plug system
Grid	5.5 mm [216 mil]
Contacting from	Presence check
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 KS, SE-502
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

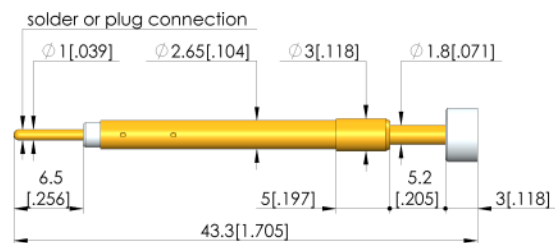
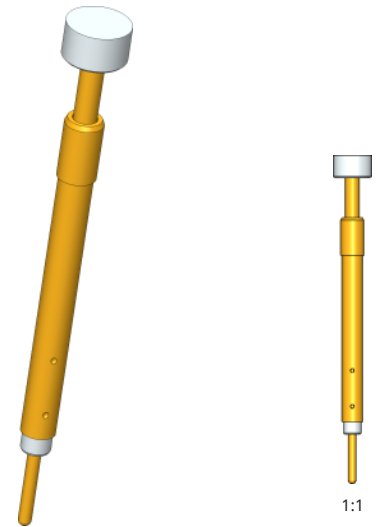
Current load capacity / rated current	5 A
Typical resistance (Ri)	<100 mOhm

Mechanical data

Total length	43.3 mm [1.70 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	05
Switch path	1.7 mm [.066 in]
Switching point	11.5 mm [.452 in]
Spring force at switching point	0.9 N [3.23 ozf]

Tip style data

Tip style	002 flat, contact surface insulated
Tip diameter	5 mm [.196 in]
Tip style surface	A gold
Tip style material	0 plastic



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