

Switching probe SKS-415 302 180 A 2310 E

Item SKS-415-0180



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General data

Product group	Switching probes
Sub-product group	SKS (pressed-in)
Series	SKS-415 E quick-exchange / plug system
Grid	3.5 mm [137 mil]
Contacting from	Pin, post, bead probe, 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 KS, SE-502
Compatible receptacle(s)	KS-113 23, KS-415 S
Min. temperature	- 40 °C [- 104 °F]
Max. temperature	+ 80 °C [+ 176 °F]
RoHS-compliant	RoHS-3;6c

Electrical data

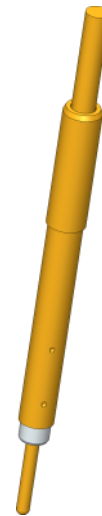
Current load capacity / rated current	5 A
Typical resistance (Ri)	<100 mOhm

Mechanical data

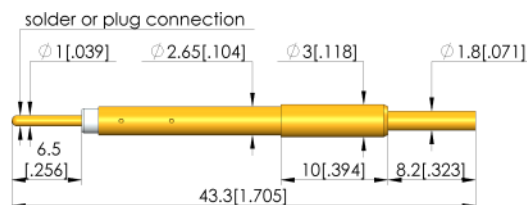
Total length	43.3 mm [1.70 in]
Barrel diameter	2.65 mm [.104 in]
Maximum stroke	5.2 mm [.204 in]
Spring pre-load	0.5 N [1.79 ozf]
Collar height	02
Switch path	1.7 mm [.066 in]
Switching point	16.5 mm [.649 in]
Spring force at switching point	0.9 N [3.23 ozf]

Tip style data

Tip style	02 flat
Tip diameter	1.8 mm [.070 in]
Tip style surface	A gold
Tip style material	3 CuBe



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