Pneumatic test probe

PKS-171 319 150 A 0302 A

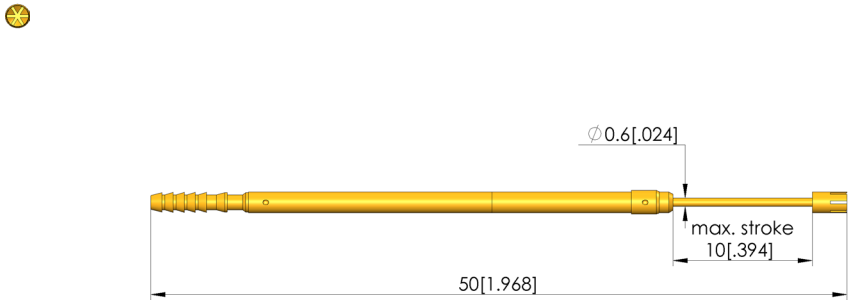
Item PKS-171-0011

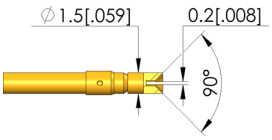
GO TO PRODUCT

Partner for Future Technology

- Universal pneumatic probes for a wide range of applications, e.g., for contacting test pads, activation of switches, contacting of difficult-to-access test points, or creation of interfaces.
- When using PKS probes, a separate actuating mechanism may not be necessary
- PKS are retracted in the home position. When pressure is applied, the plunger extends
- The electrical connection is ensured by installation using a receptacle







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Item PKS-171-0011

GO TO PRODUCT

Partner for Future Technology

General data

Product group:	Pneumatic test probe
Sub-product group:	PKS (pressed in)
Series:	PKS-171 A
Grid:	1.91 mm [75 mil]
Contacting from:	Pin, posts
Magnetic:	Yes
Installation type:	Plug-in
Quick-exchange system:	No
PKS operating pressure:	6 bar [87.0 psi]
Adjustable installation height:	No
Non-rotating:	No
Compatible receptacle(s):	KS-171
Min. temperature:	+ 0 °C [+ 32 °F]
Max. temperature:	+ 80 °C [+ 176 °F]
RoHS-compliant:	RoHS-3;6c

Electrical data

Current load capacity / rated current:	2 A
Typical resistance (Ri):	<30 mOhm

Mechanical data

Total length:	40 mm [1.57 in]
Barrel diameter:	1.5 mm [.059 in]
Maximum stroke:	10 mm [.393 in]
Spring pre-load:	0.3 N [1.07 ozf]
Collar height:	02
Spring force at working stroke:	0.3 N [1.07 ozf]
Recommended working stroke:	6 mm [.236 in]

Tip style data

Tip style:	19 90° inverse cone, slotted, self cleaning
Tip diameter:	1.5 mm [.059 in]
Tip style surface:	A gold
Tip style material:	3 CuBe

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Learn more about
Test probes

Prices and delivery times on request.
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