Pneumatic test probe

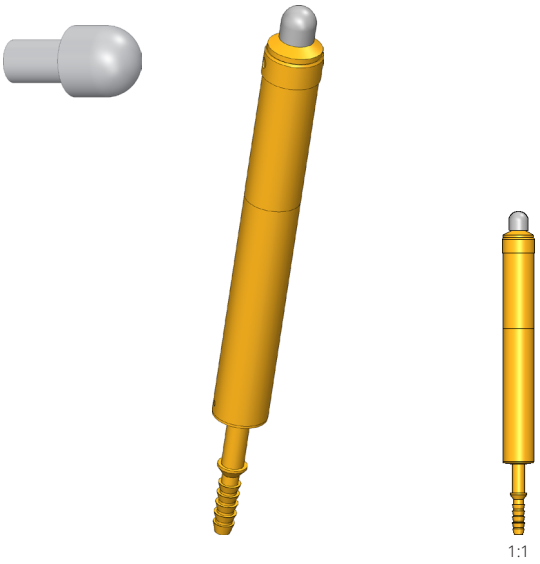
PKS-420 205 250 R 4202 1

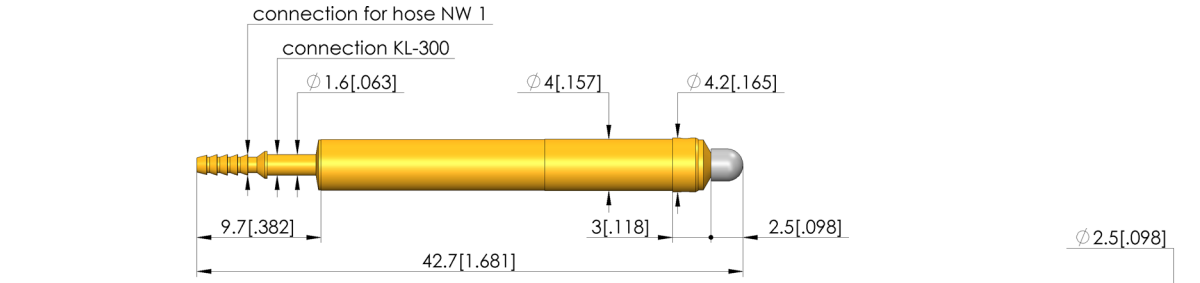
Item PKS-420-0008

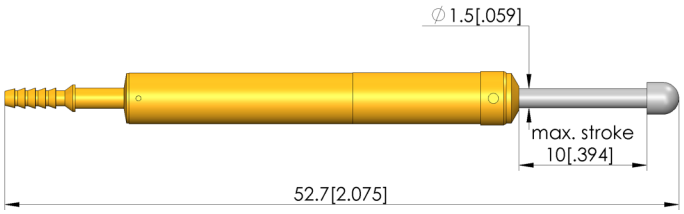
GO TO PRODUCT

ingun®
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







Pneumatic test probe

PKS-420 205 250 R 4202 1

Item PKS-420-0008

GO TO PRODUCT

Partner for Future Technology

General data

Product group:	Pneumatic test probe
Sub-product group:	PKS (pressed in)
Series:	PKS-420 1 NW1
Grid:	4.5 mm [177 mil]
Contacting from:	Pad, Female connector
Magnetic:	Yes
Installation type:	Plug-in
Quick-exchange system:	No
Type of test probe connection:	Clip
PKS operating pressure:	6 bar [87.0 psi]
Adjustable installation height:	No
Non-rotating:	No
Compatible connector(s):	KL-300
Compatible receptacle(s):	KS-420
Min. temperature:	+ 0 °C [+ 32 °F]
Max. temperature:	+ 80 °C [+ 176 °F]
RoHS-compliant:	RoHS-3;6a;6c

Electrical data

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

Mechanical data

Total length:	42.7 mm [1.68 in]
Barrel diameter:	4 mm [.157 in]
Maximum stroke:	10 mm [.393 in]
Spring pre-load:	1 N [3.59 ozf]
Collar height:	02
Spring force at working stroke:	4.2 N [15.1 ozf]
Recommended working stroke:	6 mm [.236 in]

Tip style data

Tip style:	05 bullet-nosed (full radius)
Tip diameter:	2.5 mm [.098 in]
Tip style surface:	R rhodium
Tip style material:	2 steel

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Learn more about
Test probes

Prices and delivery times on request.
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