Spring-loaded test probe

GKS-181 305 080 A 0800

Item GKS-181-0029

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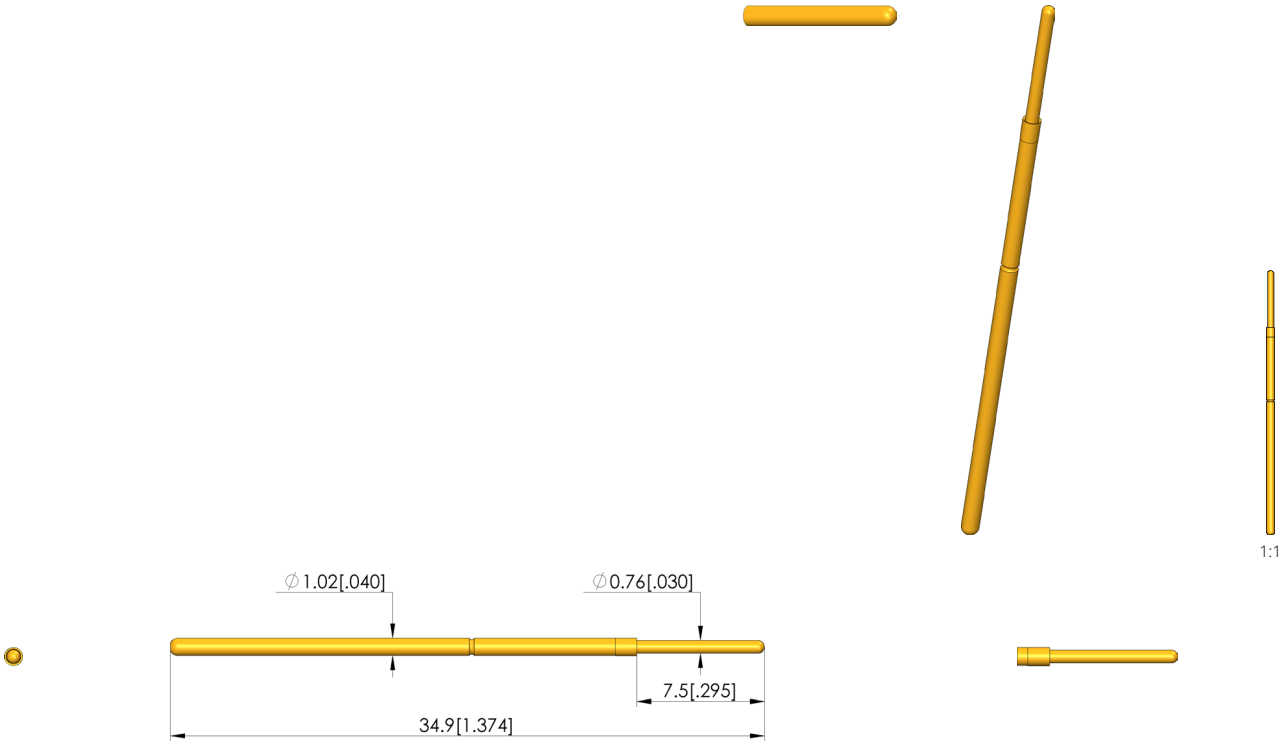

General data

Product group:	ICT / FCT (in-circuit test and function test
Sub-product group:	Fine-pitch
Series:	GKS-181..00 installation with KS
Grid:	1.27 mm [50 mil]
Contacting from:	Pad, Female connector
Magnetic:	Yes
Installation type:	Plug-in
Quick-exchange system:	Yes
Adjustable installation height:	No
Non-rotating:	No
Compatible receptacle(s):	KS-181
Min. temperature:	- 40 °C [- 104 °F]
Max. temperature:	+ 80 °C [+ 176 °F]
RoHS-compliant:	RoHS-3;6c

Electrical data

Current load capacity / rated current:	2 A
Typical resistance (Ri):	<20 mOhm

Mechanical data

Total length:	34.9 mm [1.37 in]
Barrel diameter:	1 mm [.039 in]
Maximum stroke:	7.5 mm [.295 in]
Spring pre-load:	0.22 N [.791 ozf]
Collar height:	00
Spring force at working stroke:	0.8 N [2.87 ozf]
Recommended working stroke:	5.5 mm [.216 in]

Tip style data

Tip style:	05 bullet-nosed (full radius)
Tip diameter:	0.8 mm [.031 in]
Tip style surface:	A gold
Tip style material:	3 CuBe

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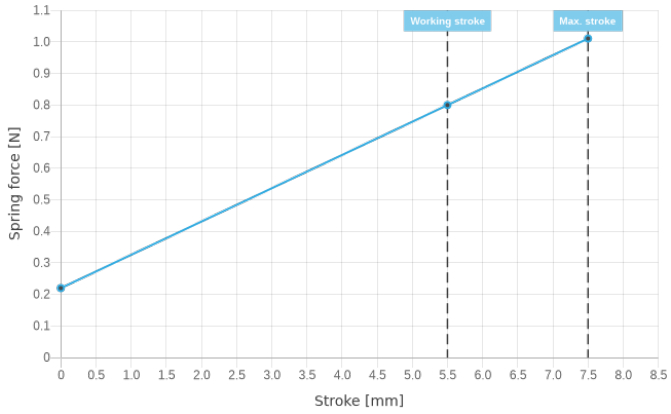

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