Radio-frequency probe

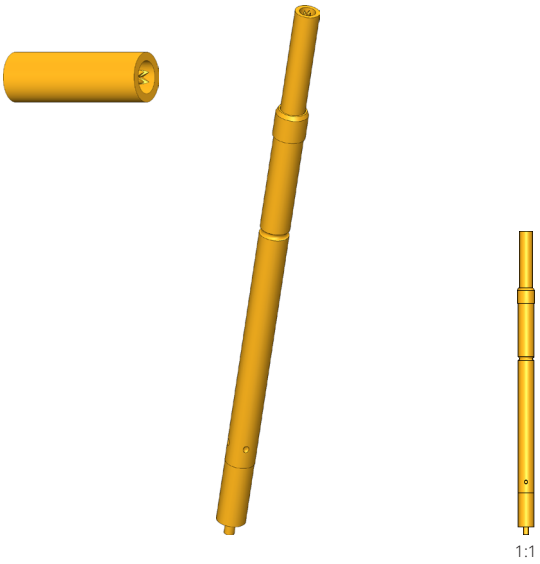
HFS-010 354 050 A 2002 A

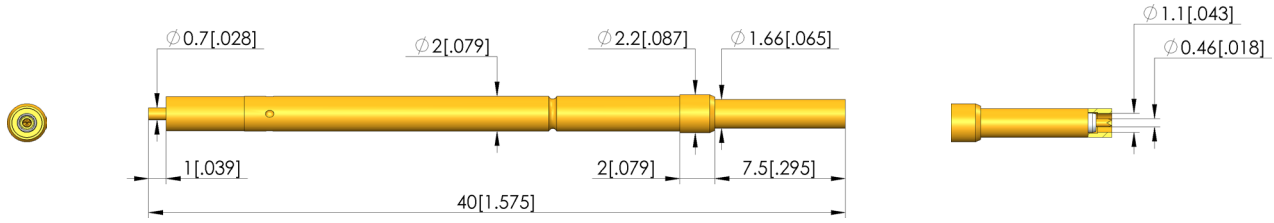
Item HFS-010-0003

GO TO PRODUCT

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Partner for Future Technology

- Test probe for low frequency range or four-pole (kelvin) measurement
- For simple, price-sensitive applications
- Up to 200 mhz
- Interface plug: SE-k11527
- Receptacle: KS-010





Radio-frequency probe

HFS-010 354 050 A 2002 A

Item HFS-010-0003

GO TO PRODUCT

Partner for Future Technology

General data

Product group:	DPS dipole test probe
Series:	HFS-010
Sub-series:	HFS-010 A connection for connector
Grid:	3 mm [118 mil]
DUT / contact:	PCB coax, closed
Installation type:	Plug-in
Floating mount:	No
Non-rotating:	No
Continuous plunger:	No
Interface of compatible assembly:	SE-010 cable-plug assembly for HFS-010
Compatible assembly interface gender :	M signal conductor male / pin
KS sub-series:	KS-010, press-in version
Min. temperature:	- 40 °C [- 104 °F]
Max. temperature:	+ 80 °C [+ 176 °F]
RoHS-compliant:	RoHS-3;6c

Outer conductor data

Outer conductor tip style:	02 flat
Outer conductor tip style diameter:	1.66 mm [.065 in]
Spring force of entire outer conductor at working stroke:	1.2 N [4.31 ozf]
Outer conductor working stroke:	5.5 mm [.216 in]
Outer conductor maximum stroke:	7 mm [.275 in]
Exchangeable outer conductor:	No
Outer conductor max. current load capacity:	3 A

Inner conductor data

Inner conductor tip style:	54 4-point crown, special length
Inner conductor tip style diameter:	0.46 mm [.018 in]
Inner conductor tip style material:	3 CuBe
Inner conductor tip style surface:	A gold
Number of inner conductors:	1
Exchangeable inner conductor:	No
Inner conductor working stroke:	5.5 mm [.216 in]
Spring force of each inner conductor at working stroke:	0.8 N [2.87 ozf]
Inner conductor maximum stroke:	7 mm [.275 in]
Inner conductor max. current load capacity:	3 A

Electrical data

Frequency range up to:	0.2 GHz
Impedance:	50 Ohm
Dielectric strength:	0.7 kV

Mechanical data

Total spring force at working stroke:	2 N [7.19 ozf]
Total length:	40 mm [1.57 in]
Barrel diameter:	2 mm [.078 in]
Installation height without receptacle:	9.5 mm [.374 in]

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Learn more about
Test probes

Prices and delivery times on request.
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