Radio-frequency probe

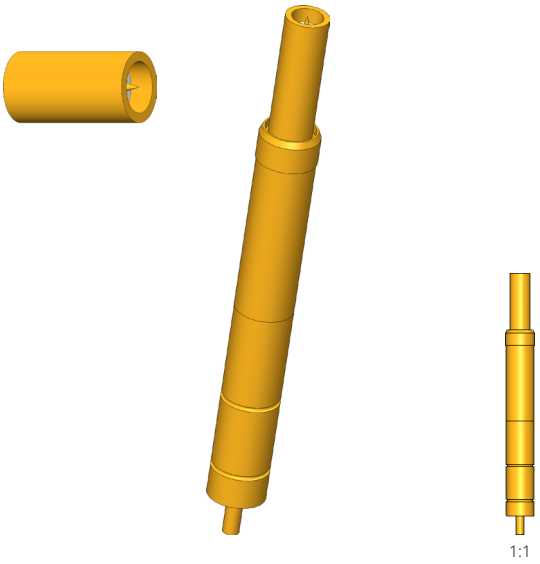
HFS-110 301 050 A 3002 B

Item HFS-110-0002

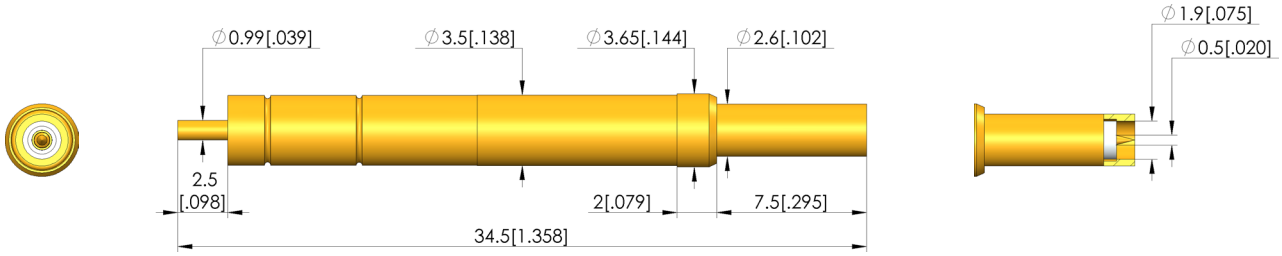
GO TO PRODUCT

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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 700 mhz
- Interface to solder
- Receptacle: KS-110



1:1



General data

Product group:	DPS dipole test probe
Series:	HFS-110
Sub-series:	HFS-110 B solder connection
Grid:	4.5 mm [177 mil]
DUT / contact:	PCB coax, closed
Installation type:	Plug-in
Floating mount:	No
Non-rotating:	No
Continuous plunger:	No
KS sub-series:	KS-110, screw-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:	06 serrated
Outer conductor tip style diameter:	2.6 mm [.102 in]
Spring force of entire outer conductor at working stroke:	3 N [10.7 ozf]
Outer conductor working stroke:	4 mm [.157 in]
Outer conductor maximum stroke:	5 mm [.196 in]
Exchangeable outer conductor:	No
Outer conductor max. current load capacity:	3 A

Inner conductor data

Inner conductor tip style:	01 30° needle tip, self-cleaning
Inner conductor tip style diameter:	0.5 mm [.019 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:	4 mm [.157 in]
Spring force of each inner conductor at working stroke:	1.5 N [5.39 ozf]
Inner conductor maximum stroke:	5 mm [.196 in]
Inner conductor max. current load capacity:	3 A

Electrical data

Frequency range up to:	0.7 GHz
Impedance:	50 Ohm
Dielectric strength:	1.2 kV

Mechanical data

Total spring force at working stroke:	4.5 N [16.1 ozf]
Total length:	34.5 mm [1.35 in]
Barrel diameter:	3.5 mm [.137 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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