Radio-frequency probe

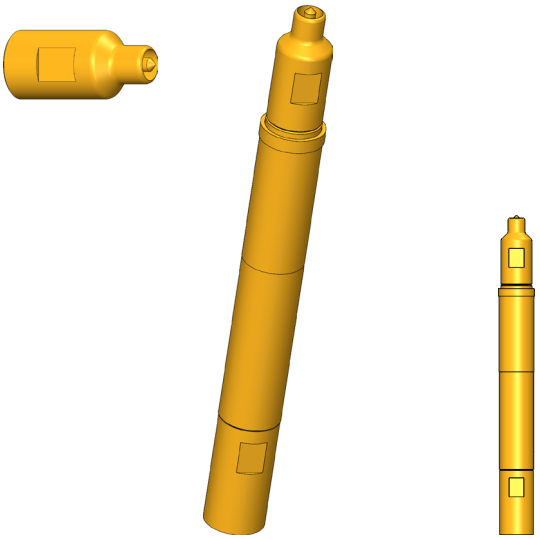
HFS-840 358 080 A 5342 Z

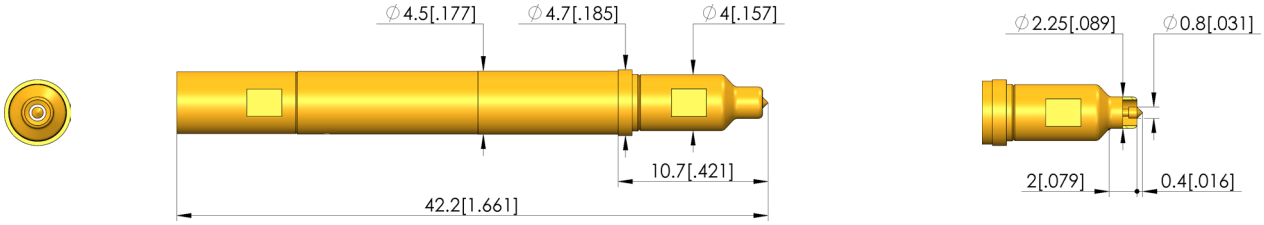
Item HFS-840-0046

GO TO PRODUCT

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Partner for Future Technology

- Long standard series
- Up to 4 GHz
- Cable interface MCX
- Plug-in version
- Receptacles: KS-810, KS-810 R, KS-810 F





General data

Product group:	HFS radio-frequency test probes
Series:	HFS-840
Sub-series:	HFS-840
Grid:	5.8 mm [228 mil]
DUT / contact:	MMCX
Installation type:	Plug-in
DUT interface gender :	F signal conductor female / socket
Floating mount:	No
Non-rotating:	Yes
Continuous plunger:	Yes
Interface of compatible assembly:	MCX 50 Ohm
Compatible assembly interface gender :	M signal conductor male / pin
KS sub-series:	KS-810, 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:	42 centring for inner side of plug connector
Outer conductor tip style diameter:	2.25 mm [.088 in]
Spring force of entire outer conductor at working stroke:	4 N [14.3 ozf]
Outer conductor working stroke:	4 mm [.157 in]
Outer conductor maximum stroke:	5 mm [.196 in]
Exchangeable outer conductor:	KO-810342225A-Z
Outer conductor max. current load capacity:	10 A

Inner conductor data

Inner conductor tip style:	58 90° conical, self-cleaning, special length
Inner conductor tip style diameter:	0.8 mm [.031 in]
Inner conductor tip style material:	3 CuBe
Inner conductor tip style surface:	A gold
Number of inner conductors:	1
Exchangeable inner conductor:	GKS-051-0050
Inner conductor working stroke:	1.2 mm [.047 in]
Spring force of each inner conductor at working stroke:	1.3 N [4.67 ozf]
Inner conductor maximum stroke:	2.9 mm [.114 in]
Inner conductor max. current load capacity:	3 A

Electrical data

Frequency range up to:	4 GHz
Impedance:	50 Ohm

Mechanical data

Total spring force at working stroke:	5.3 N [19.0 ozf]
Total length:	42.2 mm [1.66 in]
Barrel diameter:	4.5 mm [.177 in]
Installation height without receptacle:	10.7 mm [.421 in]

RADIO-FREQUENCY TEST PROBES

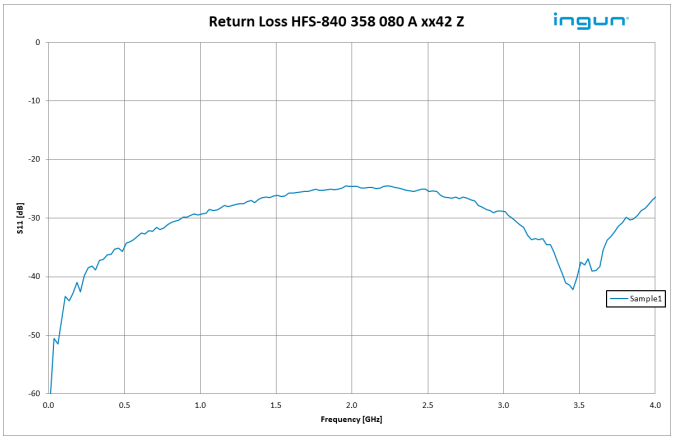
Radio-frequency probe

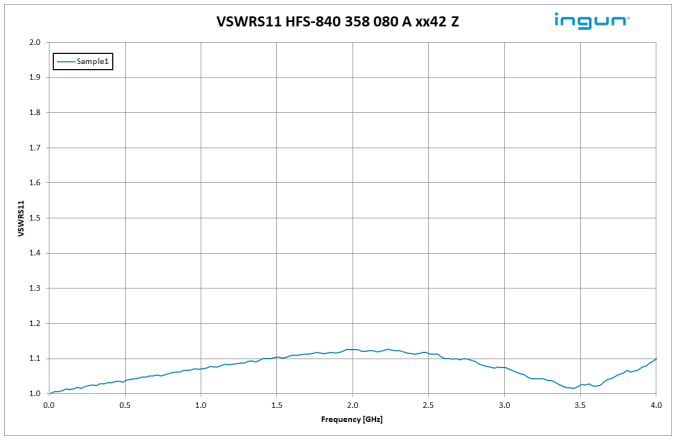
HFS-840 358 080 A 5342 Z

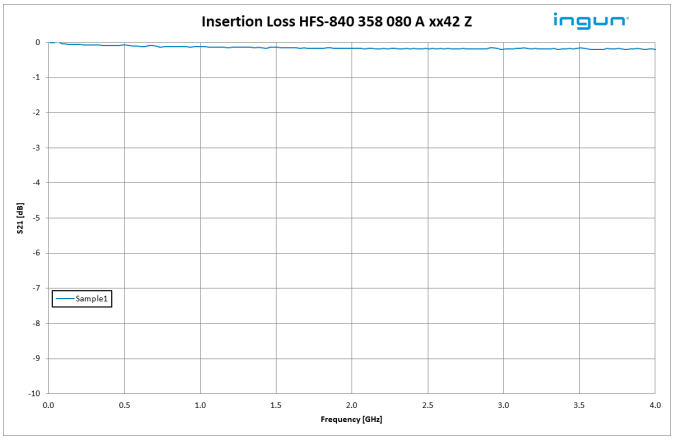
Item HFS-840-0046

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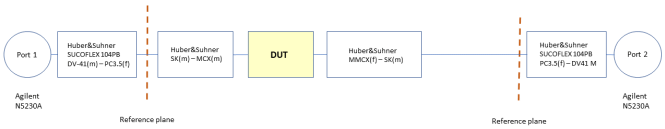
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HFS-840 358 080 A 8042 Z M, RF measurement setup



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Learn more about
Radio-frequency test probes

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