

High-Frequency Probe

HFS-840 303 150 A 8042 F

Item HFS-840-0363



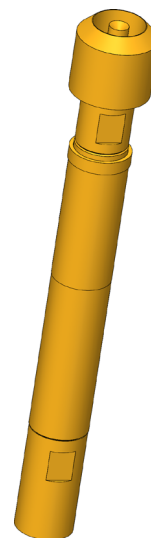
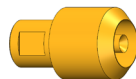
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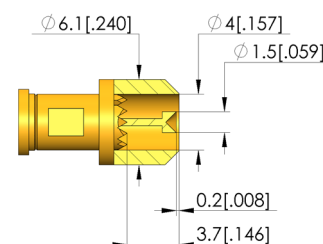
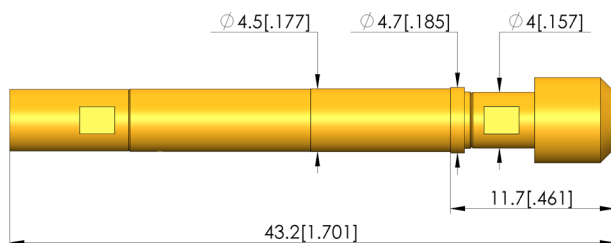
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INGUN SELECTION

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



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General data

Product group:	HFS radio-frequency test probes
Series:	HFS-840
Sub-series:	HFS-840
Grid:	6.6 mm [259 mil]
DUT / contact:	FAKRA
Installation type:	Plug-in
DUT interface gender :	M signal conductor male / pin
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 [-40 °F]
Max. temperature:	80 °C [176 °F]
RoHS-compliant:	Yes

Outer conductor data

Outer conductor tip style:	42 centring for inner side of plug connector
Outer conductor tip style diameter:	6.1 mm [.24 in]
Spring force of entire outer conductor at working stroke:	6 N [21.5 ozf]
Outer conductor working stroke:	4 mm [.157 in]
Outer conductor maximum stroke:	5 mm [.196 in]
Exchangeable outer conductor:	KO-810342610A-F
Outer conductor max. current load capacity:	10 A

Inner conductor data

Inner conductor tip style:	03 inverse cone
Inner conductor tip style diameter:	1.5 mm [.059 in]
Inner conductor tip style material:	3 CuBe
Inner conductor tip style surface:	A gold
Number of inner conductors:	1
Exchangeable inner conductor:	GKS-051-0010
Inner conductor working stroke:	2 mm [.078 in]
Spring force of each inner conductor at working stroke:	2 N [7.19 ozf]
Inner conductor maximum stroke:	3.7 mm [.145 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:	8 N [28.7 ozf]
Total length:	43.2 mm [1.7 in]
Barrel diameter:	4.5 mm [.177 in]
Installation height without receptacle:	11.7 mm [.46 in]

RADIO-FREQUENCY TEST PROBES

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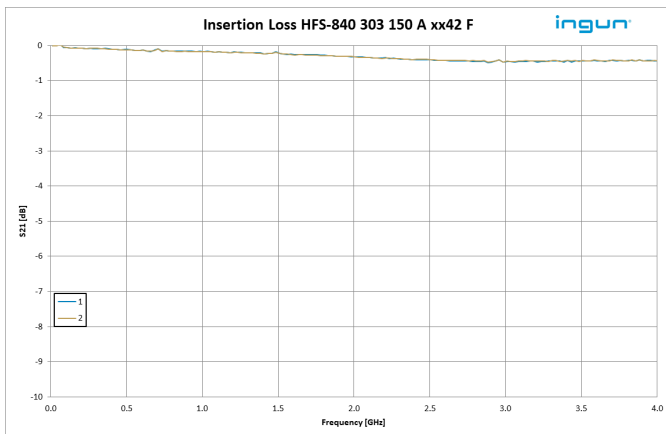
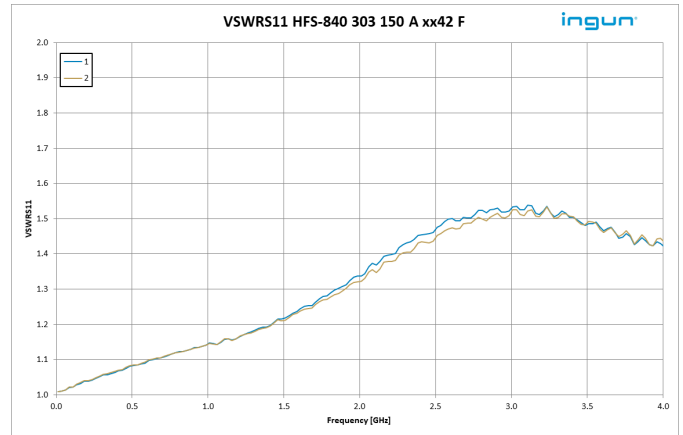
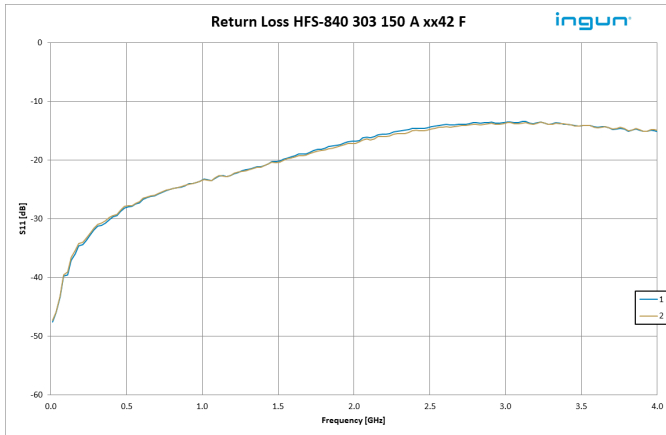
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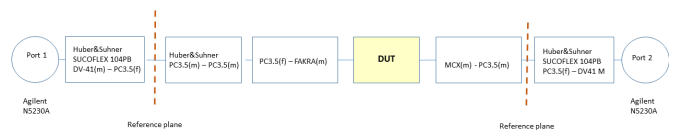
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HFS-840 303 150 A 5342 F, RF measurement setup



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Prices and delivery times on request.
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