

# Radio-frequency probe HFS-860 308 090 A 5342 X M

Item HFS-860-0132

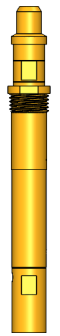
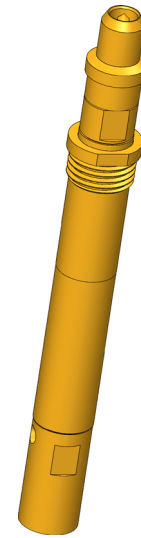
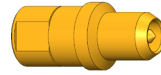


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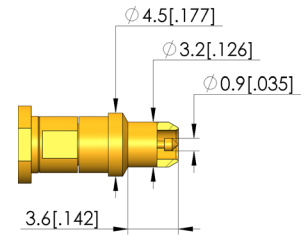
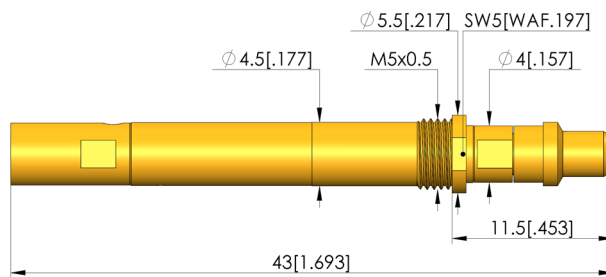
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Partner for Future Technology

- Long standard series
- Up to 6 GHz
- Cable interface MCX
- Screw-in version
- Receptacles: KS-810 M5-R, KS-810 M5-F



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# Radio-frequency probe

## HFS-860 308 090 A 5342 X M

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### General data

Screw-in torque max.:	20 cNm [1.77 lbf-in]
Product group:	HFS radio-frequency test probes
Series:	HFS-860
Sub-series:	HFS-860 M screw-in
Grid:	6.5 mm [255 mil]
DUT / contact:	MCX
Installation type:	Screw-in
DUT interface gender :	F signal conductor female / socket
Floating mount:	No
Non-rotating:	No
Continuous plunger:	Yes
Interface of compatible assembly:	MCX 50 Ohm
Compatible assembly interface gender :	M signal conductor male / pin
KS sub-series:	KS-810 M, screw-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:	3.2 mm [.125 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-860342320A-X-A
Outer conductor max. current load capacity:	10 A

### Inner conductor data

Inner conductor tip style:	08 90°conical, self-cleaning
Inner conductor tip style diameter:	0.9 mm [.035 in]
Inner conductor tip style material:	3 CuBe
Inner conductor tip style surface:	A gold
Number of inner conductors:	1
Exchangeable inner conductor:	GKS-051-0051
Inner conductor working stroke:	2 mm [.078 in]
Spring force of each inner conductor at working stroke:	1.3 N [4.67 ozf]
Inner conductor maximum stroke:	3.7 mm [.145 in]
Inner conductor max. current load capacity:	3 A

### Electrical data

Frequency range up to:	6 GHz
Impedance:	50 Ohm

### Mechanical data

Total spring force at working stroke:	5.3 N [19 ozf]
Total length:	43 mm [1.69 in]
Barrel diameter:	4.5 mm [.177 in]
Installation height without receptacle:	11.5 mm [.452 in]
Torque in receptacle:	10 – 20 cNm [.885 – 1.77 lbf-in]

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Prices and delivery times on request.  
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