Radio-frequency probe

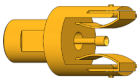
HFS-840 303 090 A 8040 GT13 4M

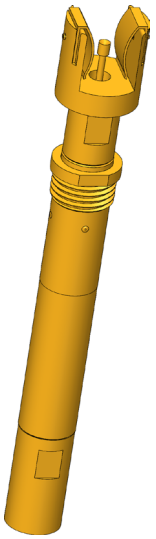
Item HFS-840-0628

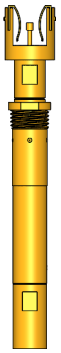
GO TO PRODUCT

ingun®
Partner for Future Technology

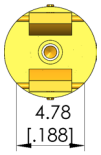
- Long standard series
- Up to 4 GHz
- Cable interface MCX
- Screw-in version of asymmetrical probes, with additional crimp point to secure positioning
- Receptacles: KS-810 M5-R, KS-810 M5-F

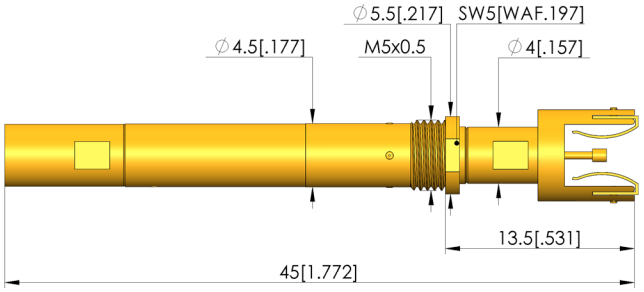


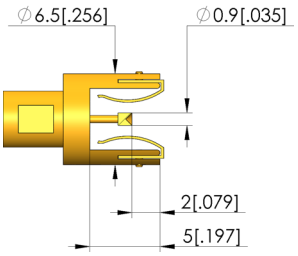




1:1







PCB

Radio-frequency probe

HFS-840 303 090 A 8040 GT13 4M

Item HFS-840-0628

GO TO PRODUCT

ingun®
Partner for Future Technology

General data

Product group:	HFS radio-frequency test probes
Series:	HFS-840
Sub-series:	HFS-840 4M screw-in with adjustable positioning
Grid:	7 mm [275 mil]
DUT / contact:	GT13
Installation type:	Screw-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 [- 104 °F]
Max. temperature:	+ 80 °C [+ 176 °F]
RoHS-compliant:	RoHS-3;6c

Outer conductor data

Outer conductor tip style:	40 tip with traverse groove
Outer conductor tip style diameter:	6.5 mm [.255 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-810140650A-GT13
Outer conductor max. current load capacity:	3 A

Inner conductor data

Inner conductor tip style:	03 inverse cone
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-051-0065
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
Dielectric strength:	1.1 kV

Mechanical data

Total spring force at working stroke:	8 N [28.7 ozf]
Total length:	45 mm [1.77 in]
Barrel diameter:	4.5 mm [.177 in]
Installation height without receptacle:	13.5 mm [.531 in]
Torque in receptacle:	10 - 20 cNm [.885 - 1.77 lbf·in]

INGUN Prüfmittelbau GmbH
Max-Stromeyer-Straße 162
78467, Constance, Germany
Phone +49 7531 8105-0
Customer hotline +49 7531 8105-888
Fax +49 7531 8105-65
info@ingun.com

Learn more about
Radio-frequency test probes

PCB

Prices and delivery times on request.
Technical changes reserved. 02/25_GB

ingun.com