

HFS-807

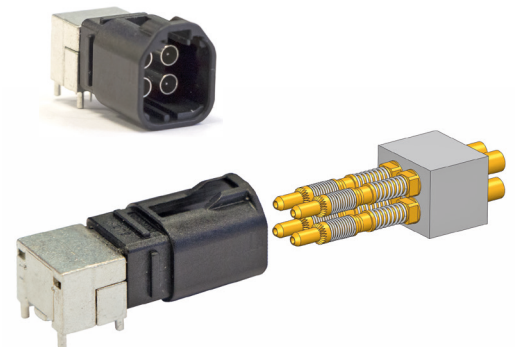
Contacting high speed plug connectors up to 20 Gbps

The newly developed **HFS-807** enables reliable contacting of high-speed plug connectors, such as high-speed FAKRA mini (HFM) or MATE AX up to 20 Gbps.

High-speed plug connectors are used in the automotive field for a variety of applications, such as autonomous driving, driver assistance systems, navigation, and infotainment.

Depending on the plug connector to be contacted, the HFS-807 is screwed directly in the mounting plate (customer side). The centring area helps to balance out alignment errors (mounting plate to plug connector) of ± 0.4 mm.

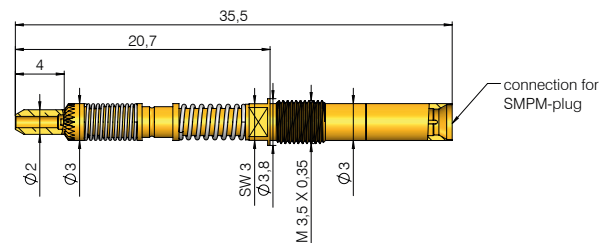
The HFS-807 is connected using a SMPM connector.



Contacting example:
 Plug connector MATE AX with 4 x HFS-807
 (in mounting plate)

Technical information

Description:	HFS-807
Grid size:	≥ 4.0 mm (160 Mil)
Frequency:	up to 12 GHz
Impedance:	50 Ohm
Outer conductor working stroke:	3.2 mm
Inner conductor working stroke:	1.0 mm
Outer conductor spring force (working stroke):	5.8 N
Inner conductor spring force (working stroke):	1.0 N
Plug connection:	SMPM
Operating temperature range:	- 40° to + 80° C



HFS-807 303 051 A 6842 HTE-M

Installation and connection

Bit-tool to screw-in:	BIT-HFS-807 M-B
Recommended screw-in torque:	20 cNm
Recommended cable plug assembly:	SE-FLX405-50SMPMFG050SMAMG (SMPM signal conductor female / SMA signal conductor male / 500 mm cable RTK-FLEX405-SPC-FEP)

Ordering information (for one RF probe)
 For HFM: HFS-807 303 051 A 6842 HFM-M
 For MATE AX: HFS-807 303 051 A 6842 HTE-M
Note: The number of HFS-807 required depends on the number of poles the plug connector has.

Please contact us for further information.
 Prices and delivery time on request.
 Technical changes possible without prior notification.

You will find further innovative products on our homepage and in our catalogue. Don't miss our range of solutions for plug connector contacting.