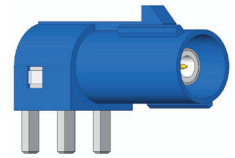


HFS 810 F / 840 F / 819

Fakra Contacting

Grid:
 ≥ 7,0 mm
 ≥ 276 Mil



Centering Area: ± 0,8 mm (.031)

Mechanical Data

	Outer Conductor	Inner Conductor
Working Stroke:	4,0 mm (.157)	2,0 mm (.079)
Maximum Stroke:	5,0 mm (.197)	3,7 mm (.146)

Spring Force

The Spring-Loaded Inner- and Outer Conductors are available with different Spring Forces. To create the Ordering No. the individual values must be added together (see also „Ordering Example“ below).

Spring Force Inner Conductor (N)	1,3	2,0	1,3	2,0
Spring Force Outer Conductor (N)	4,0	4,0	8,0	8,0
Character of ordering	53	60	93	99

Note:
 The protruding Outer Conductor, being the first element, reaches the Plug Connector first. With its outer chamfer it fits into the plastic casing of the Plug Connector and centers it there.

Temperature Range: – 40 up to + 80 °C

Electrical Data

Frequency Range with HFS-810: up to 2 GHz
 Frequency Range with HFS-840: up to 4 GHz
 Current Rating
 Outer Conductor: 8–10 A
 Inner Conductor: 2–3 A
 R₁ typical Inner Conductor: ≤ 10 m Ω
 Impedance Test Probe: 50 Ω
 Impedance Cable: 50 Ω

Ordering Example

Series	Tip Material 2 = Steel 3 = BeCu	Tip Style	Tip Diameter (1/100 mm)	Plating A = Gold	Spring Force (dN)	Outer Plunger	Type
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Test Probe for Frequency Range up to 2 GHz:

HFS 810 3 03 150 A 53 42 F

Test Probe for Frequency Range up to 4 GHz:

HFS 840 3 03 150 A 53 42 F

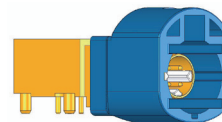
MCX-Connector with RF-Coaxial Cable RG 316 / U pre-wired, length 0,7 m (Special lengths on request):
 Receptacle:

SE-810 V-U (Grid >5,08 mm) SE-810 V (Grid 5,08 mm)
 KS - 810

HFS-819

HSD Contacting

Grid:
 ≥ 8,5 mm
 ≥ 335 Mil



Centering Area: ± 0,8 mm (.031)

Mechanical Data

	Outer Conductor	Inner Conductor
Working Stroke:	5,0 mm (.197)	2,0 mm (.079)
Maximum Stroke:	6,0 mm (.236)	3,7 mm (.146)

Spring Force

The Spring-Loaded Inner- and Outer Conductors are available with different Spring Forces. To create the Ordering No. the individual values must be added together (see also „Ordering Example“ below).

Spring Force Inner Conductor (N)	(4 x) 1,3
Spring Force Outer Conductor (N)	7,5
Character of ordering	127

Note:
 To contact coded 4-pole Connectors the HFS-819 is non-rotatable and has a position marking. The HFS-819 is pressed directly into the Mounting Plate without using a Receptacle.

Temperature Range: – 40 up to + 80 °C

Elektrical Data

Frequency Range with HFS-819: up to 1 GHz
 Current Rating
 Outer Conductor: 8–10 A
 Inner Conductor: 2–3 A
 R₁ typical Inner Conductor: ≤ 10 m Ω
 Impedance Test Probe: 100 Ω

Ordering Example

Series	Tip Material 3 = BeCu	Tip Style	Tip Diameter (1/100 mm)	Plating A = Gold	Spring Force (dN)	Outer Plunger	Type
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Test Probe for Frequency Range up to 1 GHz:

HFS 819 3 03 090 A 127 43 V2

Plug with coding, not pre-wired:

SE-819-V2