



Radio Frequency Probes

HF819HSDm011G1270H819AEPPV2

Order code 1012608

General

Design	Coaxial Probe
Family	HF819
Pitch [mm/mil]	12.0 / 472
Temperature [C°]	-45°C...+100°C

Electrical specifications

Continuous current [A]	10.00
Typical contact resistance [mOhm]	1.00
Impedance [ohm]	100.00
Frequency [GHz]	1.00
Continuous current 2 [A]	3.00

Inner contact specifications

Nominal travel 2 [mm]	2.00
Maximum travel 2 [mm]	3.70
Preload 2 [cN]	75.00
Spring force 2 [cN]	130.00

Mechanical specifications

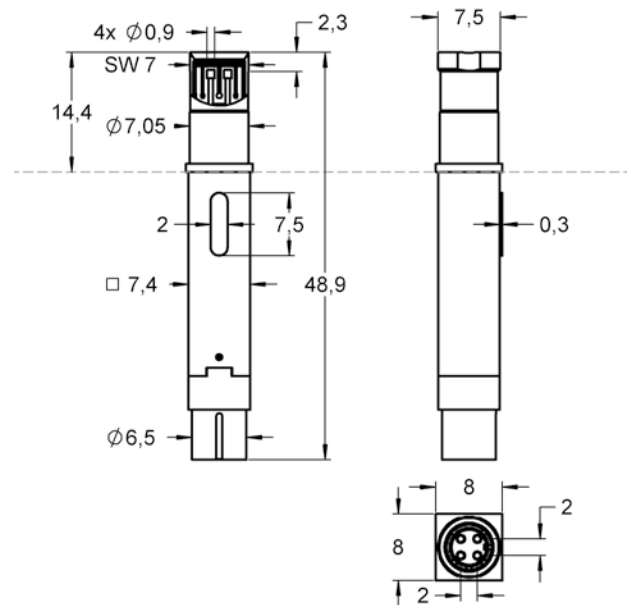
Preload [cN]	300.00
Spring force [cN]	750.00
Nominal travel [mm]	5.00
Maximum travel [mm]	6.00
Tool size [mm]	7.0
Connection type (flux-proof)	Connection Element
DUT	HSD-Male

Dimensions

Total length [mm]	48.90
Projection height [mm]	14.40
Tip style diameter [mm]	7.50
Barrel diameter [mm]	7.40
Collar diameter [mm]	8.00
Press ring diameter [mm]	8.00
Inside/outside distance [mm]	-2.00
Tip style diameter 2 [mm]	0.90

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	05
Tip style 2	05
Plunger material	Beryllium copper
Plunger plating	Gold
Barrel material	Brass
Barrel plating	Gold
Spring material	High-grade steel
Spring plating	Uncoated
Plunger material 2	Beryllium copper
Plunger plating 2	Gold
Spring material 2	Spring steel
Spring plating 2	Gold

Accessories

Receptacle	KT819
Tool for probe	1035932-FZWZ-004
Other	1013563-H819AEPHSDmL023, 1092029-KT819K01, 1012656-HFAEHSDf6GHSDfL500, 1012577-F08605B090G130, 1013562-H819AEPLAL020

Tip style 1

