



FM Choice

Kelvin Probes

F82205S0007L650IK25

Item number 1009720



General

Design	Coaxial Probe
Type/family	F822
Pitch (mm/mil)	5,50 / 217
Temperature [C°]	-45°C...+200°C
Additional definition	IK

Electrical specifications

Continuous current (A)	6.00
Typical contact resistance (mOhm)	60.00
Impedance (ohm)	50.00
Frequency (GHz)	1.20
Continuous current 2 (A)	1.60
Typical contact resistance 2 (mOhm)	30.00

Inner contact specifications

Nominal travel 2 (mm)	2.00
Maximum travel 2 (mm)	2.60
Preload 2 (cN)	100.00
Spring force 2 (cN)	200.00

Mechanical specifications

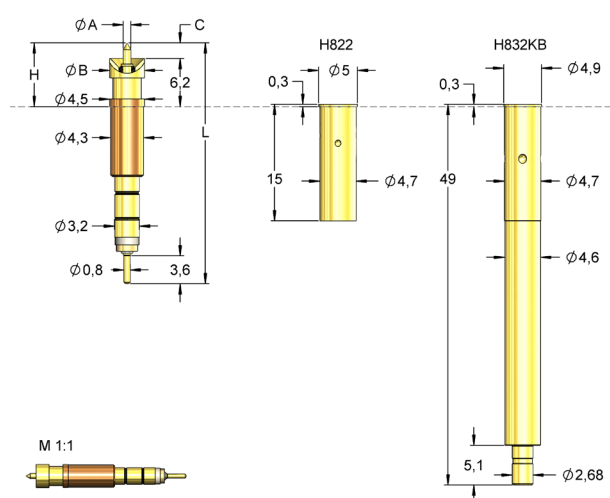
Preload (cN)	250.00
Spring force (cN)	450.00
Nominal travel (mm)	2.00
Maximum travel (mm)	2.60
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Dimensions

Total length (mm)	33.30
Projection height (mm)	10.50
Tip style diameter (mm)	4.00
Barrel diameter (mm)	4.30
Collar diameter (mm)	4.50
Press ring diameter (mm)	4.50
Inside/outside distance (mm)	4.30
Tip style diameter 2 (mm)	0.60

Family drawing

All measurements are in mm.



Materials & surfaces

Tip style	05
Tip style 2	05
Tip style material	Beryllium cooper
Tip style plating	Gold
Plunger material	Cooper
Plunger plating	Gold
Barrel material	Bronze
Barrel plating	Uncoated
Spring material	High-grade steel
Spring plating	Uncoated
Plunger material 2	Steel
Plunger plating 2	Longtime Gold
Spring material 2	High-grade steel
Spring plating 2	Uncoated

Accessories

Tool for receptacle	FEWZ-822E0
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