

HIGH CURRENT PROBES



HCF735

50 A | 197 mil | Threaded

Electrical specifications

Temperature [°C]	-45°...+200°
Current [A]	50
R _{TYP} [mOhm]	<5

Mechanical specifications

Preload [cN]	150	150	500
Spring force [cN] at nt ±20%	300	500	1000
Nominal travel [mm]	4.4	4.4	4.4
Maximum travel [mm]	5.5	5.5	5.5

Materials and plating

Plunger	BeCu	gold plated
Barrel	Brass	gold plated
	Brass	silver plated (AC)
Spring	Stainless steel	unplated
Receptacle	Brass	gold plated

Accessories

1005065	H735LA	Receptacle
1019242	H735M3	Receptacle
1005027	FEWZ-735E0	Insertion tool receptacle
1005063	FWZ735	Insertion tool probe
1009775	FWZ735T	Insertion tool probe

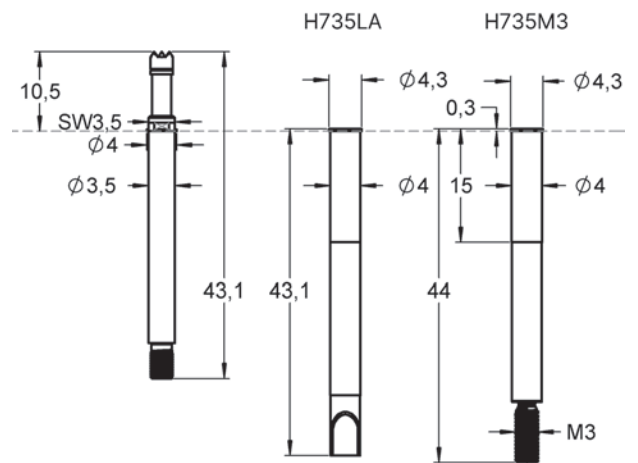
Drill size recommendation (mm)

1005065	H735LA	3.98 - 3.99
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Order code	Product name	Tip Style	Tip Ø [mm]	Material/Plating	Force [cN]	Thread [M]	Version	FM Choice
1090970	HCF73506B400G300A	06	4.00	B / G	300	3.0	A	-
1019871	HCF73507B300G300	07	3.00	B / G	300	3.0	-	-
1044962	HCF73512A300U1000	12	3.00	A / U	1000	3.0	-	-
1016207	HCF73517B400G500	17	4.00	B / G	500	3.0	-	-

Series drawing

All measurements are in mm.



Thermal Rise of Contact Probe vs. Current

