

HIGH CURRENT PROBES



HCF773

25 A | 157 mil | Pluggable

Electrical specifications

Temperature [°C]	-45°...+200°
Current [A]	25
R _{TYP} [mOhm]	<8

Mechanical specifications

Preload [cN]	60	60	170
Spring force [cN] at nt ±20%	150	300	600
Nominal travel [mm]	4.0	4.0	4.0
Maximum travel [mm]	5.0	5.0	5.0

Materials and plating

Plunger	BeCu	gold plated
Barrel	Brass	gold plated
Spring	Stainless steel	unplated
Receptacle	Brass	gold plated

Accessories

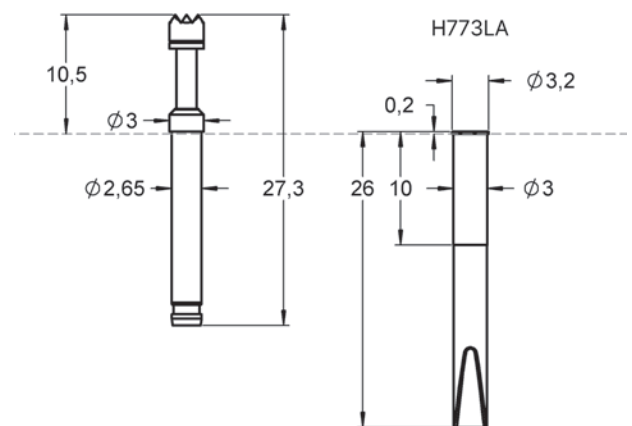
1008142	H773LA	Receptacle
1003642	FEWZ-774E0	Insertion tool receptacle

Drill size recommendation (mm)

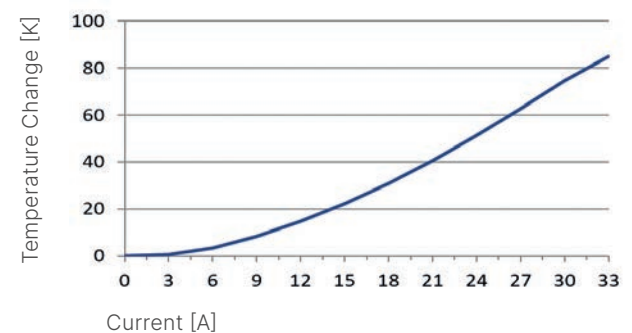
1008142	H773LA	2.98 - 2.99
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Series drawing

All measurements are in mm.



Thermal Rise of Contact Probe vs. Current



Order code	Product name	Tip Style	Tip Ø [mm]	Material/Plating	Force [cN]	Thread [M]	Version	FM Choice
1011372	HCF77306B230G300	06 	2.30	B / G	300	-	-	-
1005047	HCF77306B300G300	06 	3.00	B / G	300	-	-	-
1139213	HCF77317B400G150	17 	4.00	B / G	150	-	-	-
1016560	HCF77355B300G300	55 	3.00	B / G	300	-	-	-