

HIGH CURRENT PROBES



HCF733

25 A | 157 mil | Threaded

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

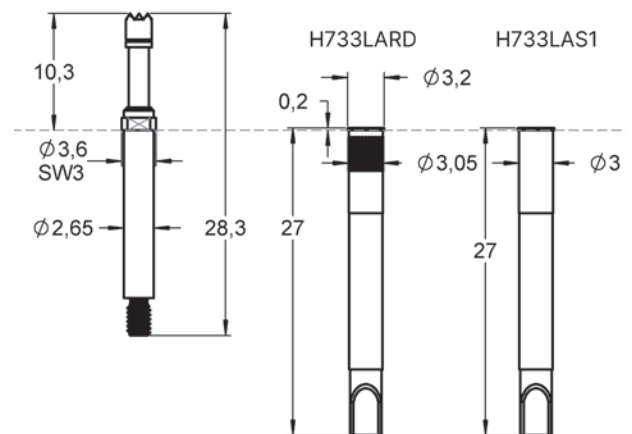
1005514	H733LARD	Receptacle
1003077	H733LAS1	Receptacle
1003642	FEWZ-774E0	Insertion tool receptacle
1001682	FWZ733	Insertion tool probe
1004611	FWZ733T	Insertion tool probe

Drill size recommendation (mm)

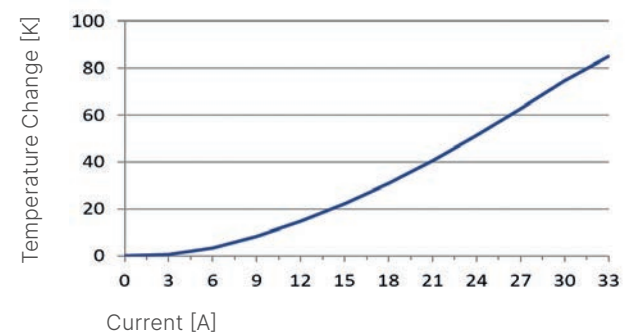
Receptacle without knurl	2.98 - 2.99
Receptacle with knurl	3.00 - 3.02

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
1023044	HCF73305B300G150	05	3.00	B / G	150	2.0	-	-
1008578	HCF73306B230G300	06	2.30	B / G	300	2.0	-	-
1009767	HCF73306B400G300	06	4.00	B / G	300	2.0	-	-
1000234	HCF73314B230G600	14	2.30	B / G	600	2.0	-	-