

HIGH CURRENT PROBES



HCF348

100 A | 300 mil | Threaded

Electrical specifications

Temperature [°C]	-45°...+200°
Current [A]	100
R _{TYP} [mOhm]	<5

Mechanical specifications

Preload [cN]	400
Spring force [cN] at nt ±20%	700
Nominal travel [mm]	4.4
Maximum travel [mm]	5.5

Materials and plating

Plunger	BeCu	gold plated
Barrel	Brass	silver plated
Spring	Spring steel	gold plated
Receptacle	Brass	gold plated

Accessories

1023187	H348M5RD	Receptacle
1023693	FEWZ-348E0	Insertion tool receptacle
1023246	FWZ348	Insertion tool probe
1031601	FWZ348T	Insertion tool probe

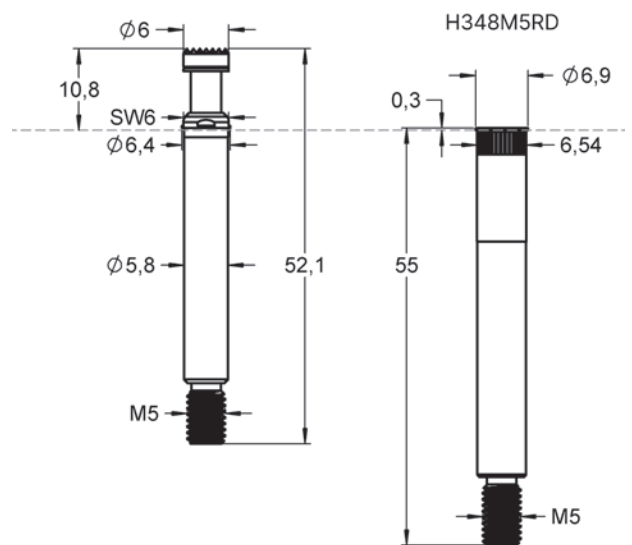
Drill size recommendation (mm)

1023187	H348M5RD	6.51 - 6.53
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Order code	Product name	Tip Style	Tip Ø [mm]	Material/Plating	Force [cN]	Thread [M]	Version	FM Choice
1133491	HCF34806B600G07A	06	6.00	B / G	700	5.0	A	-
1089311	HCF34806B600G14A	06	6.00	B / G	1400	5.0	A	-
1133197	HCF34812A600G07A	12	6.00	A / U	700	5.0	A	-
1133494	HCF34812A600G15A	12	6.00	B / G	1500	5.0	A	-

Series drawing

All measurements are in mm.



Thermal Rise of Contact Probe vs. Current

