

F050

Up to 3 A | 50 mil | ICT application



Electrical specifications

Current [A]	3
R _{TYP} [mOhm]	<10

Mechanical specifications

Temperature [°C]	-45°...+100°	
Preload [cN]	60	90
Spring force [cN] at nt ±20%	150	200
Nominal travel [mm]	4.3	4.3
Maximum travel [mm]	6.4	6.4

Materials and plating

Plunger	BeCu	gold plated
	Steel	longtime gold plated
Barrel	Bronze	gold plated
Spring	BeCu	gold plated
Receptacle	Bronze	gold plated

Accessories

1010849	H050LA-7.9	Receptacle
1008393	FEWZ-050EV	Insertion tool receptacle
1003576	FDWZ-050	Insertion tool probe

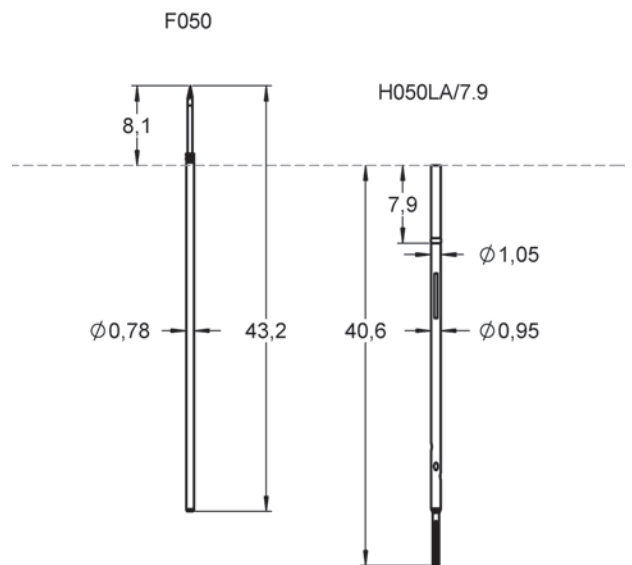
* Overview of other receptacles H050 on page 71

Drill size recommendation (mm)


























H050...	Press ring as stop	0.95 - 0.97
H050...	Press ring inserted	0.98 - 1.01

Series drawing

All measurements are in mm.



BASIC PROBES 50 MIL

Order code	Product name	Tip Style	Tip Ø [mm]	Material/Plating	Force [cN]	Thread [M]	Version	FM Choice
1037835	F05005B090G150	05 	0.90	B / G	150	-	-	
1017079	F05005B090G200	05 	0.90	B / G	200	-	-	
1010443	F05006B090G150	06 	0.90	B / G	150	-	-	
1017078	F05006B090G200	06 	0.90	B / G	200	-	-	
1010444	F05011B050G150	11 	0.50	B / G	150	-	-	-
1017077	F05015B090G200	15 	0.90	B / G	200	-	-	
1097465	F05018S050L100	18 	0.50	B / G	100	-	-	-
1010445	F05021S050L150	21 	0.50	B / G	100	-	-	
1000630	F05021S050L200	21 	0.50	B / G	100	-	-	
1010392	F05033S050L150	33 	0.50	B / G	100	-	-	
1011940	F05033S050L200	33 	0.50	B / G	100	-	-	
1010393	F05038S050L150	38 	0.50	B / G	100	-	-	-
1000339	F05038S050L200	38 	0.50	B / G	100	-	-	-
1010865	F05043S050L150	43 	0.50	B / G	100	-	-	
1017093	F05043S050L200	43 	0.50	B / G	150	-	-	