

F111

Up to 3 A | 50 mil | Limited space



Electrical specifications

Current [A]	3
R _{TYP} [mOhm]	<65

Mechanical specifications

Temperature [°C]	-45°...+100°	
Preload [cN]	20	20
Spring force [cN] at nt ±20%	40	85
Nominal travel [mm]	2.0	2.0
Maximum travel [mm]	2.8	2.8

Materials and plating

Plunger	BeCu	gold plated
	Steel	longtime gold plated
		nickel plated
		rhodium plated
Barrel	Bronze	gold plated
Spring	Spring steel	silver plated
Receptacle	Nickel silver	gold plated

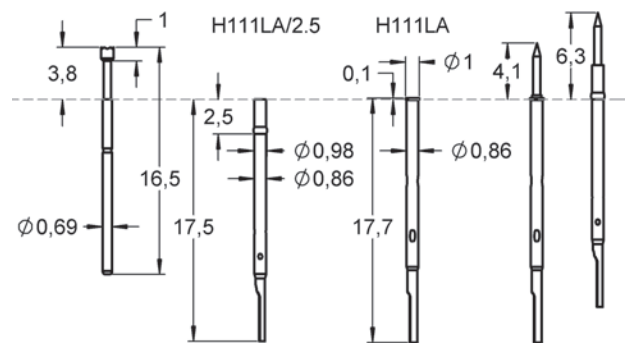
Accessories

1024435	H111LA-2.5	Receptacle
1093953	FEWZ-111E25	Insertion tool receptacle
1000180	FEWZ-040E0	Insertion tool receptacle
1003576	FDWZ-050	Insertion tool probe

* Overview of other receptacles H111 on page 88

Series drawing

All measurements are in mm.





















Drill size recommendation (mm)


H111...	Press ring inserted	0.88 - 0.92
H111...	With collar	0.83 - 0.84

Order code	Product name	Tip Style	Tip Ø [mm]	Material/Plating	Force [cN]	Thread [M]	Version	FM Choice
1001401	F11101S053N040	01	0.53	S / N	40	-	-	-
1001402	F11101S053N085	01	0.53	S / N	85	-	-	-
1001403	F11103S053N085	03	0.53	S / N	85	-	-	-

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Order code	Product name	Tip Style	Tip Ø [mm]	Material/Plating	Force [cN]	Thread [M]	Version	FM Choice
1085820	F11105S090L040	05 	0.90	S / L	40	-	-	-
1001404	F11105S090L085	05 	0.90	S / L	85	-	-	-
1003452	F11105S150L085	05 	1.50	S / L	85	-	-	-
1001218	F11106B090G040	06 	0.90	B / G	40	-	-	-
1017909	F11106B090G085	07 	0.90	B / G	85	-	-	-
1001406	F11107S090N040	07 	0.90	S / N	40	-	-	-
1001407	F11107S090N085	07 	0.90	S / N	85	-	-	-
1001408	F11109S090N040	09 	0.90	S / N	40	-	-	-
1001409	F11109S090N085	09 	0.90	S / N	85	-	-	-
1001411	F11112S090L040	12 	0.90	S / L	40	-	-	-
1001412	F11112S090L085	12 	0.90	S / L	85	-	-	-
1001414	F11114S090N040	14 	0.90	S / N	40	-	-	-
1001415	F11114S090N085	14 	0.90	S / N	85	-	-	-
1056795	F11117B090G040	17 	0.90	B / G	40	-	-	-
1001350	F11118S053N040	18 	0.90	S / N	40	-	-	-
1001351	F11118S053N085	18 	0.90	S / N	85	-	-	-
1001352	F11118S053R085	18 	0.90	S / R	85	-	-	-
1001354	F11121S053N040	21 	0.90	S / N	40	-	-	-
1001355	F11121S053N085	21 	0.53	S / N	85	-	-	-

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Order code	Product name	Tip Style	Tip Ø [mm]	Material/Plating	Force [cN]	Thread [M]	Version	FM Choice
1001405	F11105S090L095H	05 	0.90	S / L	95	-	H	-
1001410	F11109S090N095H	09 	0.90	S / N	95	-	H	-
1001413	F11112S090L095H	12 	0.90	S / L	95	-	H	-
1013356	F11118S053L095H	18 	0.53	S / L	95	-	H	-
1001353	F11118S053R095H	18 	0.53	S / R	95	-	H	-
1084504	F11121S053N095H	21 	0.53	S / N	95	-	H	-