



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

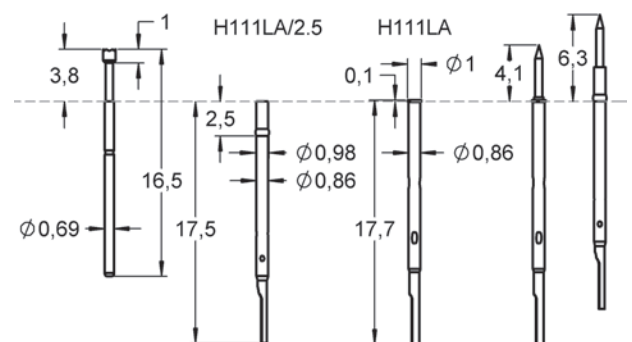
Accessories

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	-	-	-