

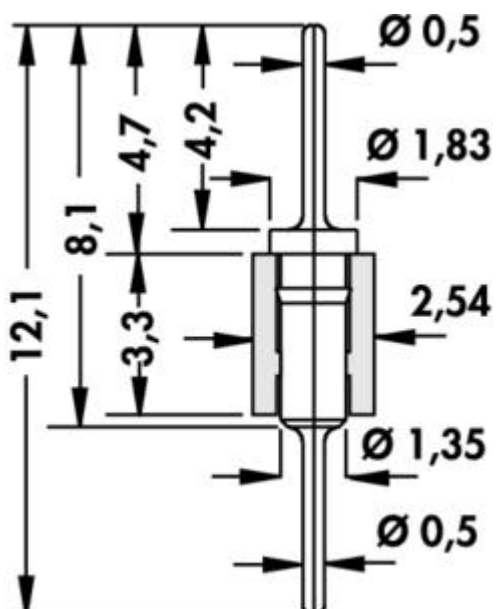
High-precision male headers soldering technique / MK 05



Solder and plug pins, \varnothing 0.5 mm

Parameters of article MK 05

version	solder and plug pins, \varnothing 0.5 mm
no. of contacts	1 - 50
surface	gold-plated / tin-plated
angle	straight
number of rows	1
grid	2.54
soldering	yes
male cross-section	\varnothing 0.5
Reflow solderable	yes



Technical data PCB connectors

	MK
Contact material: shell	CuZn-alloy
Contact surface of the shell: gold/tin	Ni + 0,2 µm Au Ni + 5 µm Sn
Contact spring: material/surface	CuBe-alloy / Ni + 0,75 µm Au
Transition resistance:	≤ 10 mOhm
Shock resistance:	50 g
Vibration resistance max.:	15 g
Capacity between two adjacent contacts:	≤ 0,4 pF
Current rating:	1,5 A
Nominal voltage:	60 V DC
Test voltage:	1000 V
Insulator: material	PA 4.6, GF
Temperature range:	-40 °C ... +163 °C (+260 °C 1 min)
Flammability class:	UL 94 V-0
Insulation resistance:	> 10 ¹² Ohm
Plugability for pins:	0,22 × 0,25 mm to 0,40 × 0,55 mm, Ø 0,4... 0,56 mm
Insertion depth for pins:	2,5 ... 3,6 mm
Insertion/Extraction, type:	4-clip cont., 1,8 N/1,4 N