

Data sheet Product MK 203 48 Z



PCB connectors>Male headers

Solder and plug pins, Ø 0.5 mm Also available as single contact, SK ..

Features

pitch:	2.54 x 2.54 mm
no. of contacts:	48
contact material:	CuZn-alloy
surface of contact:	tin-plated
surface contact / contact sleeve:	• Ni+≥0.2µm Au • Ni+4...6µm Sn
version:	with solder head
shock resistance:	50 g
volume resistance:	≤10 mΩ
vibration resistance max.:	15 g
capacity between two adjacent contacts:	≤0,4 pF
nominal current:	1.5 A
nominal voltage:	60 V DC
test voltage:	1000 V
insulating body material:	PA 4.6. GF
temperature range:	• -40°C... +163°C • (260°C/10 s)
class of inflammability:	UL 94 V-0
specific insulation resistance:	>10 ⁷ Ω·m
connection type:	THT (Einlöt)

yes

Technical drawing of a two-part mechanical assembly. The drawing shows two views of the assembly, with dimensions indicated in millimeters. The dimensions are as follows:

- Overall height: 10,2
- Height of the upper part: 6,7
- Height of the lower part: 2,5
- Height of the upper part (alternative view): 2,8
- Height of the lower part (alternative view): 1,8
- Width of the upper part: 2,54
- Width of the lower part: 0,5
- Inner diameter of the upper part: $\varnothing 1$
- Outer diameter of the lower part: $\varnothing 1,35$
- Inner diameter of the lower part: $\varnothing 0,5$