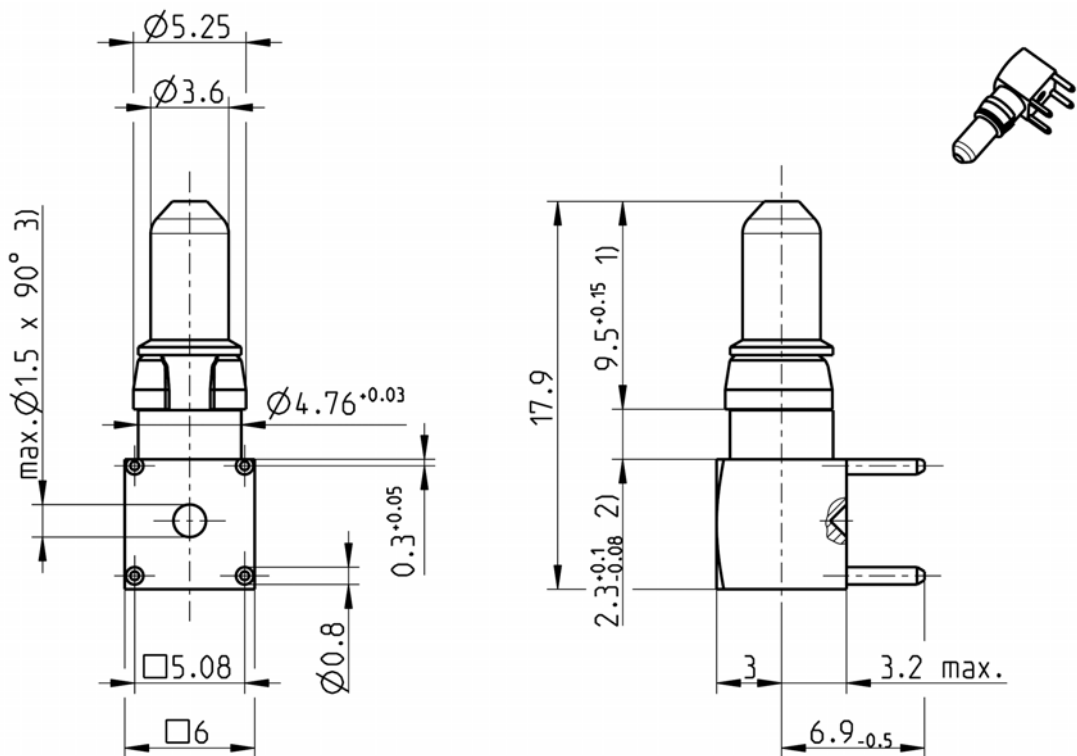




- 1) Measured when retaining clip is fully pushed towards contact area.
 2) The border dimension includes the necessary axial misalignment of the retaining clip.
 3) centering spike alternativ

All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

According to

DIN 41626/1 and D-sub

Documents

PCB layout

B 30c

Material and plating

Connector parts

Pin contact
 Connector body
 Clip

Material

Brass
 Brass
 CuBe

Plating

AuroDur®, gold plated
 Gold, 0.2 µm min.
 Nickel, 2.5-5 µm

TECHNICAL DATA SHEET

Rosenberger®

Power Insert
DIN 41626 and
D-SUB

**RIGHT ANGLE PLUG
PCB**

50S201-440L

Electrical data

Contact resistance $\leq 1 \text{ m}\Omega$
Current $\leq 40 \text{ A}$

Mechanical data

Mating cycles ≥ 500
Connector captivation in plastic $\geq 52 \text{ N}$
Engaging force $\leq 10 \text{ N}$
Disengaging force $\geq 1.6 \text{ N}$

Environmental data

Temperature range -55°C to $+125^{\circ}\text{C}$
Climatic class IEC 60068-2-1 55/125/21
IEC 60068-2-2
IEC 60068-2-3
Max. soldering temperature IEC 61760-1, $+260^{\circ}\text{C}$ for 10 sec.
2002/95/EC (RoHS) compliant

Tooling

N/A

Suitable cables

N/A

Packing

Standard 100 pcs in blister
Weight 2.9 g/pce

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
Wengler Juergen	14/08/07	Gramsamer S.	14/08/07	a00	07-0154	Wengler Juergen	14/08/07
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