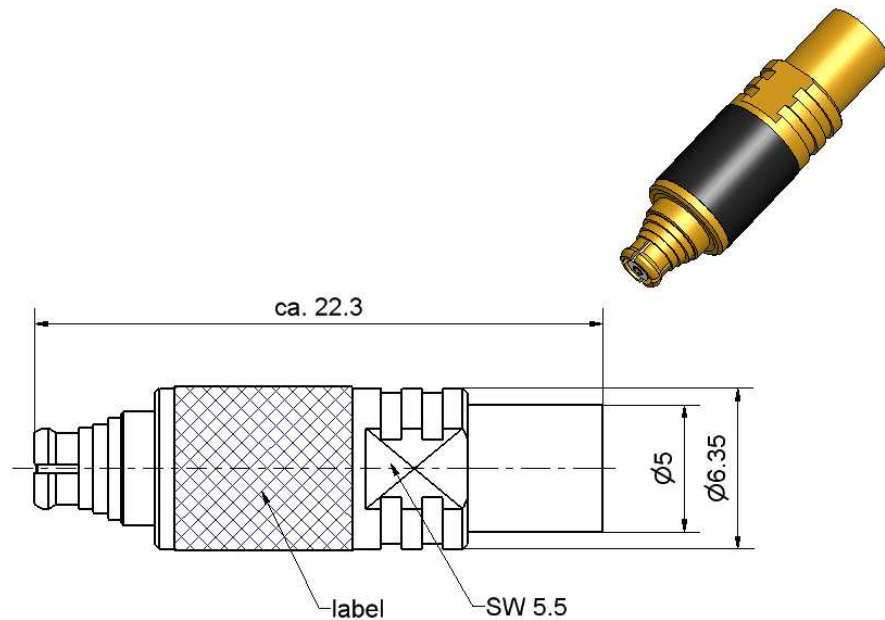




All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

According to MIL-STD-348

Documents

N/A

Material and plating

Connector parts

Center contact
Outer contact - plug
Outer contact - jack
Dielectric
Substrate

Material

CuBe
Brass
CuBe
PTFE
Al₂O₃

Plating

Gold, min. 1.27 µm, over nickel
Gold, min. 0.8 µm, over nickel
Gold, min. 0.8 µm, over nickel

Technical Data Sheet

Rosenberger

SMP

Attenuator
Plug/Jack

19AS101-K03E3

Electrical data

Frequency range	DC to 18 GHz
Return loss	≥ 20.8 dB, DC to 4 GHz ≥ 16.5 dB, 4 GHz to 12.4 GHz ≥ 14.0 dB, 12.4 GHz to 18 GHz
Attenuation	3 dB ± 1.0 dB, DC to 12.4 GHz 3 dB ± 1.5 dB, 12.4 GHz to 18 GHz
Power handling	≤ 0.5 W at 25°C

Mechanical data

Mating cycles	
if mating part is limited detent	≥ 500
Center contact captivation	≥ 7 N
Engagement force	
- limited detent	45 N max.
Disengagement force	
- limited detent	9 N min.

Environmental data

Temperature range	-55°C to +155°C
RoHS	compliant

Packing

Standard	1 pce in bag
Weight	3.23 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
Kerstin Herzog	09.05.07	Markus Müller	07.11.16	e00	15-1629	Marion Striegler	07.11.16

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