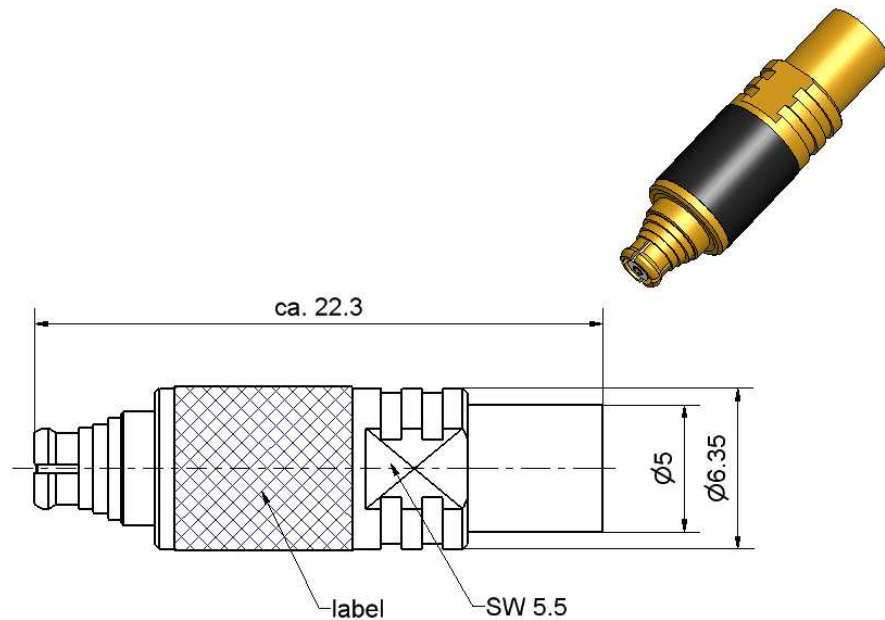




All dimensions are in mm; tolerances according to ISO 2768 m-H

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

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RF_35/09.14/6.2

Technical Data Sheet				Rosenberger			
SMP		Attenuator Plug/Jack		19AS101-K30E3			
Electrical data Frequency rangeDC 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 Attenuation30 dB ± 1.0 dB, DC to 12.4 GHz 30 dB ± 1.5 dB, 12.4 GHz to 18 GHz Power handling≤ 0.5 W at 25°C Mechanical data Mating cyclesif 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 RoHScompliant Packing Standard1 pce in bag Weight3.23 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	12.07.07	Markus Müller	07.11.16	e00	15-1629	Marion Striegler	07.11.16
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de				Tel. : +49 8684 18-0 Email : info@rosenberger.de			Page 2 / 2