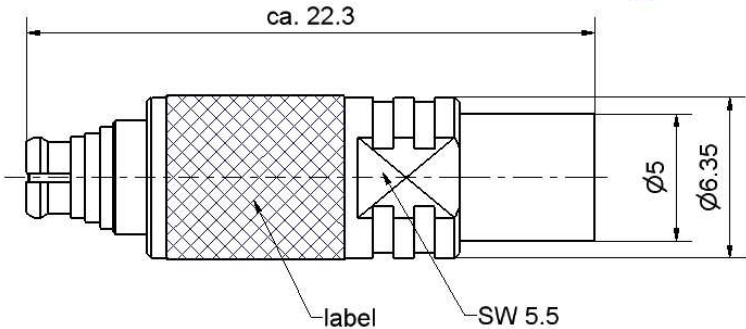


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Technical Data Sheet		Rosenberger
SMP	Attenuator Plug/Jack	19AS101-K30E3
		
All dimensions are in mm; tolerances according to ISO 2768 m-H		
Interface		
According to		MIL-STD-348
Documents		
		N/A
Material and plating		
Connector parts	Material	Plating
Center contact	CuBe	Gold, min. 1.27 µm, over nickel
Outer contact - plug	Brass	Gold, min. 0.8 µm, over nickel
Outer contact - jack	CuBe	Gold, min. 0.8 µm, over nickel
Dielectric	PTFE	
Substrate	Al ₂ O ₃	
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
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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
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