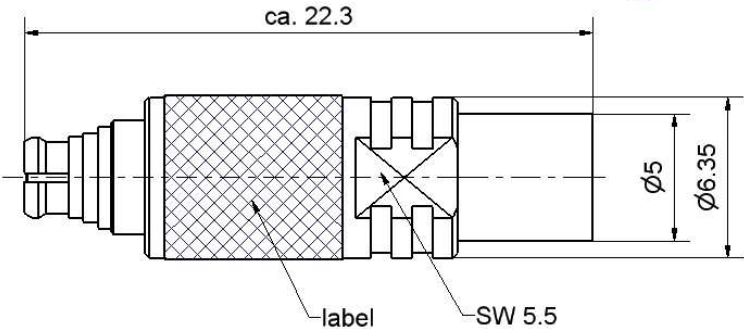


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Technical Data Sheet		Rosenberger																		
SMP	Attenuator Plug/Jack	19AS101-K10E3																		
																				
All dimensions are in mm; tolerances according to ISO 2768 m-H																				
Interface According toMIL-STD-348																				
Documents N/A																				
Material and plating <table><tr><td>Connector parts</td><td>Material</td><td>Plating</td></tr><tr><td>Center contact</td><td>CuBe</td><td>Gold, min. 1.27 µm, over nickel</td></tr><tr><td>Outer contact - plug</td><td>Brass</td><td>Gold, min. 0.8 µm, over nickel</td></tr><tr><td>Outer contact - jack</td><td>CuBe</td><td>Gold, min. 0.8 µm, over nickel</td></tr><tr><td>Dielectric</td><td>PTFE</td><td></td></tr><tr><td>Substrate</td><td>Al₂O₃</td><td></td></tr></table>			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	
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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 1 / 2																		

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Technical Data Sheet				Rosenberger			
SMP		Attenuator Plug/Jack		19AS101-K10E3			
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 Attenuation10 dB ± 1.0 dB, DC to 12.4 GHz 10 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	
Kerstin Herzog		12.07.07		Markus Müller		07.11.16	
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de				Rev. e00		Engineering change number 15-1629	
				Name Marion Striegler		Date 07.11.16	
				Tel. : +49 8684 18-0 Email : info@rosenberger.de		Page 2 / 2	