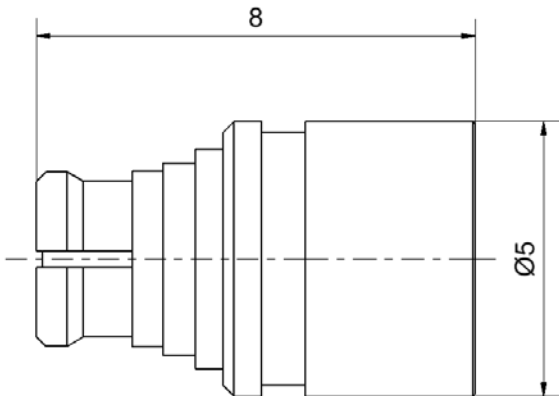
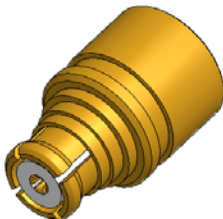


Dieses Dokument ist urheberrechtlich geschützt • This document is protected by copyright • Rosenberger Hochfrequenztechnik GmbH & Co. KG
RF_35/05.10/6.0

Technical Data Sheet		Rosenberger																																	
SMP	Termination Jack 1 Watt	19K15R-001E4																																	
  All dimensions are in mm; tolerances according to ISO 2768 m-H <table><tr><td colspan="3">Interface</td></tr><tr><td>According to</td><td colspan="2">MIL-STD-348A, Fig.326</td></tr><tr><td colspan="3">Documents</td></tr><tr><td></td><td colspan="2">N/A</td></tr><tr><td colspan="3">Material and plating</td></tr><tr><td>Connector parts</td><td>Material</td><td>Plating</td></tr><tr><td>Center contact</td><td>CuBe</td><td>Gold, min. 0.8 µm, over nickel</td></tr><tr><td>Outer contact</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><tr><td>Insulator</td><td>Silicone</td><td></td></tr></table>			Interface			According to	MIL-STD-348A, Fig.326		Documents				N/A		Material and plating			Connector parts	Material	Plating	Center contact	CuBe	Gold, min. 0.8 µm, over nickel	Outer contact	CuBe	Gold, min. 0.8 µm, over nickel	Dielectric	PTFE		Substrate	Al ₂ O ₃		Insulator	Silicone	
Interface																																			
According to	MIL-STD-348A, Fig.326																																		
Documents																																			
	N/A																																		
Material and plating																																			
Connector parts	Material	Plating																																	
Center contact	CuBe	Gold, min. 0.8 µm, over nickel																																	
Outer contact	CuBe	Gold, min. 0.8 µm, over nickel																																	
Dielectric	PTFE																																		
Substrate	Al ₂ O ₃																																		
Insulator	Silicone																																		
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de		Tel. : +49 8684 18-0 Fax : +49 8684 18-1499 Email : info@rosenberger.de																																	
		Page 1 / 2																																	

RF_35/05.10/6.0 Dieses Dokument ist urheberrechtlich geschützt • This document is protected by copyright • Rosenberger Hochfrequenztechnik GmbH & Co. KG

Technical Data Sheet				Rosenberger			
SMP		Termination Jack 1 Watt		19K15R-001E4			
Electrical data Impedance50 Ω Frequency rangeDC to 18 GHz Return loss≥ 28.3 dB, DC to 1 GHz ≥ 20.1 dB, 1 GHz to 18 GHz Power handling≤ 1.0 W							
Mechanical data Mating cycles - smooth bore≥ 1000 - limited detent≥ 500 - full detent≥ 100 Engagement force - smooth bore9 N max. - limited detent45 N max. - full detent68 N max. Disengagement force - smooth bore2.2 N min. - limited detent9 N min. - full detent22 N min.							
Environmental data Operating temperature range¹0 °C to +125 °C Storage temperature range-55 °C to +155 °C RoHScompliant							
¹ Temperature range over which these specifications are valid.							
Packing Standard100 pcs in blister Weight0.5 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		26/08/04		Lars Ramtke		29/09/14	
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de				Tel. : +49 8684 18-0 Fax : +49 8684 18-1499 Email : info@rosenberger.de			Page 2 / 2