

# Product data sheet

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<b>Part Number: 5118.SMPL.9910.003</b>  <b>Description: SMPL-SMP- Adapter (jack - jack)</b>		Revision: - Date: <b>12.09.2013</b> Signature: <b>Pölz</b>  Page: 1 of 2	
<b>Design according to:</b>		<b>SMP MIL-STD-348A</b> <b>Long-wipe SMP Spec. 17S000-000</b>	<b>All parts and surfaces</b> <b>free of magnetics</b>
<b>Electrical characteristics:</b>		colored value means: still under test target value	Picture
		<b>Value</b>	<b>Unit</b>
Impedance ( MIL-C- 39012B) Operating frequency up to		<b>50</b> <b>...26</b>	[Ω] [GHz]
Return loss measured with cable typ:		-	-
1 GHz		<b>38</b>	[dB]
2 GHz		<b>34</b>	[dB]
4 GHz		<b>32</b>	[dB]
6 GHz		<b>28</b>	[dB]
10 GHz		<b>22</b>	[dB]
18 GHz		<b>16</b>	[dB]
26 GHz		<b>15</b>	[dB]
Insulation resistance		<b>≥ 5</b>	[GΩ]
Contact resistance			
Centre contact		<b>≤ 6</b>	[mΩ]
Outer contact		<b>≤ 2</b>	[mΩ]
Contact current max. (DC)		<b>max. 1,2</b>	[A]
Operating voltage		<b>335</b>	[V]
Proof voltage		<b>500</b>	[V]
			Remarks
<b>Mechanical characteristics:</b>		<b>Value</b>	<b>Unit</b>
Engagement force			Remarks
"smooth bore"		<b>max. 9</b>	[N]
"limited detent"		<b>max. 45</b>	[N]
"full detent"		<b>max. 68</b>	[N]
Disengagement force			
"smooth bore"		<b>min. 2,2</b>	[N]
"limited detent"		<b>min. 9</b>	[N]
"full detent"		<b>min. 22</b>	[N]
Mating cycles mating part is "smooth bore"		<b>min. 1000</b>	
mating part is "limited detent"		<b>min. 500</b>	
mating part is "full detent"		<b>min. 100</b>	



