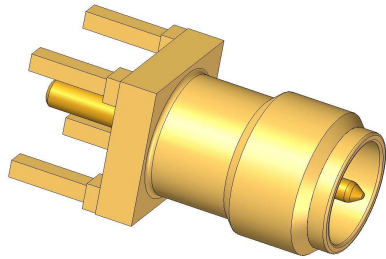


# Product data sheet

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<b>Part Number: 4344.42.1510.001</b> <b>Description: SMA p.c.b. mount. plug rev. pol.</b>		Revision: - Date: <b>24.08.2007</b> Signature: <b>Pözl N.</b> Page: 1 of 2	
<b>Design according to:</b>		<b>SMA reverse polarity</b>	<b>No IEC Standard</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>10</b>	[Ω] [GHz]
Return loss			
1 GHz		<b>34</b>	[dB]
2 GHz		<b>32</b>	[dB]
4 GHz		<b>31</b>	[dB]
6 GHz		<b>30</b>	[dB]
10 GHz		<b>18</b>	[dB]
3rd. Order PIM product 2x43dBm		/	[dBc]
Insulation resistance		<b>10</b>	[GΩ]
Contact resistance			Remarks
Centre contact		<b>4</b>	[mΩ]
Outer contact		<b>2</b>	[mΩ]
Contact current max. (DC)		<b>2</b>	[A]
Operating voltage		<b>500</b>	[V]
Proof voltage		<b>1000</b>	[V]
<b>Mechanical characteristics:</b>		<b>Value</b>	<b>Unit</b>
Engagement force		-	[N]
Separating force		-	[N]
Mating cycles		<b>&gt; 500</b>	Remarks
			at 910MHz / at 1870 MHz

