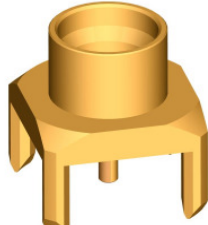


Product data sheet

IMS CONNECTOR SYSTEMS GmbH
 Obere Hauptstrasse 30
 D-79843 Löffingen
 Postfach 1141
 D-79840 Löffingen

Tel (+49) 7654 901-0
 Fax (+49) 7654 901-199
 Net: www.imscs.com
 E-mail: sales@imscs.com

Part Number: 5121.SMP.1010.003 Description: SMP-p.c.b. mount plug		Revision: - Date: 08.05.2014 Signature: I.Fasold Page: 1 of 2																																		
<u>Design according to:</u>	MIL-STD-348A"limited det."	All parts and surfaces free of magnetics																																		
<u>Electrical characteristics:</u>	colored value means: still under test target value	Picture  Remarks at 910MHz / at 1870 MHz																																		
	<table border="1"> <thead> <tr> <th>Value</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td>50</td> <td>[Ω]</td> </tr> <tr> <td>...18</td> <td>[GHz]</td> </tr> <tr> <td>-</td> <td>-</td> </tr> <tr> <td>>40</td> <td>[dB]</td> </tr> <tr> <td>>40</td> <td>[dB]</td> </tr> <tr> <td>39</td> <td>[dB]</td> </tr> <tr> <td>29</td> <td>[dB]</td> </tr> <tr> <td>23</td> <td>[dB]</td> </tr> <tr> <td>17</td> <td>[dB]</td> </tr> <tr> <td>/</td> <td>[dBc]</td> </tr> <tr> <td>≥ 5</td> <td>[GΩ]</td> </tr> <tr> <td>≤ 6</td> <td>[mΩ]</td> </tr> <tr> <td>≤ 2</td> <td>[mΩ]</td> </tr> <tr> <td>max. 1,2</td> <td>[A]</td> </tr> <tr> <td>335</td> <td>[V]</td> </tr> <tr> <td>500</td> <td>[V]</td> </tr> </tbody> </table>	Value	Unit	50	[Ω]	...18	[GHz]	-	-	>40	[dB]	>40	[dB]	39	[dB]	29	[dB]	23	[dB]	17	[dB]	/	[dBc]	≥ 5	[GΩ]	≤ 6	[mΩ]	≤ 2	[mΩ]	max. 1,2	[A]	335	[V]	500	[V]	
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Impedance (MIL-C- 39012B) Operating frequency up to Return loss measured with cable typ: 1 GHz 2 GHz 4 GHz 6 GHz 10 GHz 18 GHz 3rd. Order PIM product 2x43dBm Insulation resistance Contact resistance Centre contact Outer contact Contact current max. (DC) Operating voltage Proof voltage																																				
<u>Mechanical characteristics:</u>	<table border="1"> <thead> <tr> <th>Value</th> <th>Unit</th> </tr> </thead> <tbody> <tr> <td>max. 45</td> <td>[N]</td> </tr> <tr> <td>min. 9,0</td> <td>[N]</td> </tr> <tr> <td>min. 500</td> <td></td> </tr> </tbody> </table>	Value	Unit	max. 45	[N]	min. 9,0	[N]	min. 500		Remarks "limited detend" "limited detend" "limited detend"																										
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