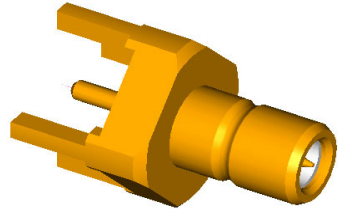


# Product data sheet

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

<b>Part Number: 11.1510.001</b>  <b>Description: PCB mount plug</b>		Revision: - Date: 31.01.05 Signature: IS  Page: 1 of 2	
<u>Design according to:</u>		<b>IEC 169-10 (Type SMB)</b>	
<u>Electrical characteristics</u>		colored value means: still under test target value	
	Value	Unit	Picture
Impedance ( MIL-C- 39012B)	50	[Ω]	
Operating frequency up to	4	[GHz]	
Return loss			
1 GHz	30	[dB]	
2 GHz	24	[dB]	
4 GHz	18	[dB]	
6 GHz		[dB]	
10 GHz		[dB]	
18 GHz		[dB]	
3rd. Order PIM product 2x43dBm	/	[dBc]	
Insulation resistance	10	[GΩ]	at 910MHz / at 1870 MHz
Contact resistance			
Centre contact	5,0	[mΩ]	
Outer contact	2,5	[mΩ]	
Contact current max. (DC)	1,5	[A]	
Operating voltage		[V]	
Proof voltage		[V]	
<u>Mechanical characteristics</u>		Value	Unit
Engagement force	max. 25	[N]	Remarks
Separating force	8 - 25	[N]	
Mating cycles	≥ 500		
Coupling nut retention force		[N]	
Coupling nut torque		[Nm]	

