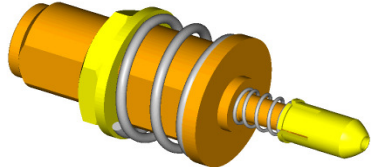


Product data sheet

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: 4021.93.8914.10'		Revision: preliminary	
Description: Adapter		Date: 24.05.2006	
		Signature: TZ	
		Page: 1 of 2	
Design according to:		IEC 169-15 (Type SMA)	
		Counter part 3926../ 3976.99.0030.00'	
Electrical characteristics		colored value means: still under test target value	
	Value	Unit	Picture
Impedance	50	[Ω]	
Operating frequency up to	6	[GHz]	
Return loss			
1 GHz	> 32	[dB]	
2 GHz	> 24	[dB]	
3 GHz	> 20	[dB]	
4 GHz	> 20	[dB]	
6 GHz	> 15	[dB]	
10 GHz	-	[dB]	
3rd. Order PIM product	-	[dBc]	
Insulation resistance	1	[GΩ]	initial initial 150 V AC - 1 min.
Contact resistance			
Centre contact	< 100	[mΩ]	
Outer contact	< 25	[mΩ]	
Contact current max. (DC)	-	[A]	
Operating voltage	100	[V]	
Proof voltage	150	[V]	
Mechanical characteristics			
	Value	Unit	Remarks
Engagement force	5-8	[N]	max. 0,60 Nm
Separating force	-	[N]	
Mating cycles	> 100.000		
Coupling nut retention force	-	[N]	
Coupling nut torque - recommended	0,45	[Nm]	

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: 4021.93.8914.10		Revision: preliminary
Description: Adapter		Date: 24.05.2006
		Signature: TZ
		Page: 2 of 2
Material & plating	Material	Plating
Housing	brass	Cu + Ni + 0,15µm Au
Centre contact	copper beryllium	Cu + Ni + 0,15µm Au
Other metal parts	brass	Cu + Ni + 0,15µm Au
Insulator	PTFE	-
Nut	brass	Cu + Ni + 0,2µm Au
Washer	brass	Cu + Ni + 0,2µm Au
Environmental influences	-40°C up to +85°C Standard	Remarks
Operating temperature range		
Climatic sequence:	IEC 60068-2-61	
1. Dry heat	IEC 60068-2-2-Ba	
2. Damp heat, cyclic, 1 cycle	IEC 60068-2-30-Db	
3. Cold	IEC 60068-2-1-Aa	
4. Damp heat, cyclic, 6 cycles	IEC 60068-2-30-Db	
Notes		
Update historie		
Rev.	date	Signature
		Formblatt-Nr.: Form-TK-012b