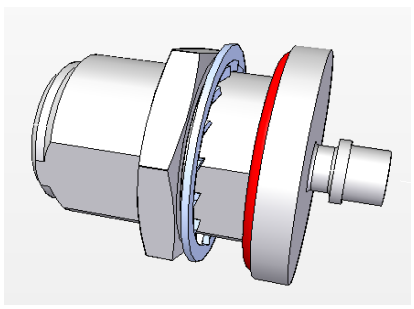


Product data sheet

IMS CONNECTOR SYSTEMS GmbH
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Part Number: 7131.62.2113.174		Revision: -	
Description: N Bulkhead Cable Mount Jack		Date: 11th Nov. 2013	
		Signature: Dony	
		Page: 1 of 2	
<u>Design according to:</u>		IEC 169-16 (Type N)	
<u>Electrical characteristics:</u>		<div style="background-color: #e0ffe0; padding: 2px; font-size: small;">colored value means: still under test target value</div>	
	Value	Unit	Picture
Impedance (MIL-C- 39012B)	50	[Ω]	
Operating frequency up to	6.0	[GHz]	
Return loss measured with cable type:	Sucoform 141	-	
up to 1 GHz	36	[dB]	
1 to 2 GHz	35	[dB]	
2 to 4 GHz	26	[dB]	
4 to 6 GHz	23	[dB]	
3rd. Order PIM product 2x43dBm	165	[dBc]	
Insulation resistance	5	[GΩ]	
Contact resistance			
Centre contact	1.0	[mΩ]	
Outer contact	0.25	[mΩ]	
Contact current max. (DC)	4	[A]	
Operating voltage	500	[V]	
Proof voltage	1000	[V]	
		Remarks	
		1870MHz	
<u>Mechanical characteristics:</u>			
	Value	Unit	Remarks
Engagement force		[N]	
Separating force		[N]	
Mating cycle	>500		
Recommended torque	0,7-1,1	[Nm]	

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Material & plating: Outer contact Centre contact Insulator O-Ring Nut Spring washer	RoHS (2002/95/EC) conform	
	Material	Plating
	Brass Copper beryllium PTFE Silikon Brass Phosphor bronze	Cu + 3-5µm Ag Cu + 5-8µm Ag - - Cu + 2-4µm CuZnSn Cu + 2-4µm CuZnSn

Environmental influences: Operating temperature range Climatic sequence: 1. Dry heat 2. Damp heat, cyclic, 1 cycle 3. Cold 4. Damp heat, cyclic, 6 cycles	-55°C up to +125°C Standard	Remarks
	IEC 60068-2-61 IEC 60068-2-2-Ba IEC 60068-2-30-Db IEC 60068-2-1-Aa IEC 60068-2-30-Db	

Notes:

Update historie			
Rev.	Date	Alteration	Signature

Formblatt-Nr.: Form-TK-012b