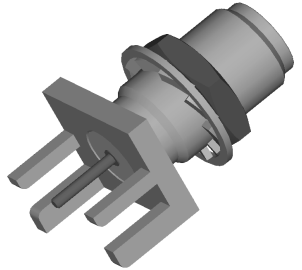


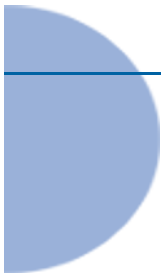
Product data sheet

Part Number: 3499.42.2510.001	Revision: a
Description: Bulkhead jack	Date: 24.09.02
	Signature: um
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Design according to:	IEC 169-15 (Type SMA)
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<u>Electrical characteristics</u>	colored value means: still under test target value		Picture
	Value	Unit	
Impedance (MIL-C- 39012B)	50	[Ohm]	
Operating frequency up to	10	[GHz]	
Return loss			
1 GHz	40	[dB]	
2 GHz	38	[dB]	
4 GHz	33	[dB]	
6 GHz	28	[dB]	
10 GHz	15	[dB]	
18 GHz		[dB]	
3rd. Order PIM product 2x40dBm	/	[dBc]	
Insulation resistance	5	[GOhm]	
Contact resistance			
Centre contact	3,0	[mOhm]	
Outer contact	2	[mOhm]	
Contact current max. (DC)	2	[A]	
Operating voltage	335	[V]	
Proof voltage	1000	[V]	

<u>Mechanical characteristics</u>	Value	Unit	Remarks
Engagement force		[N]	
Separating force		[N]	
Mating cycles	>500		



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Product data sheet		
Part Number: 3499.42.2510.001	Revision: a	
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	Signature: um	
	Page: 2 of 2	
<u>Material & plating</u>	Material	Plating
Housing	brass	Cu + Ni + 0,8µm Au
Centre contact	copper beryllium	Cu + Ni + 1,3µm Au
Other metal parts	brass	Cu + Ni + 0,2µm Au
Insulator	PTFE	-
Fan disk	bronze	Cu + Ni + 0,2µm Au
Gasket	-	-
<u>Environmental influences</u>	Standard	Remarks
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	
<u>Notes</u>		
<u>Update historie</u>		
Rev. date Signature		
a 13.03.03 um		
		Formblatt-Nr.: Form-TK-012b