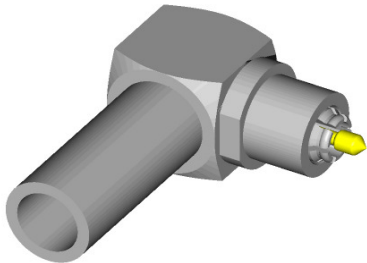


Product data sheet

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Part Number: 3989.91.1420.01		Revision: preliminary	
Description: Cable mount angle plug		Date: 30.06.2006	
		Signature: TZ	
		Page: 1 of 2	
Design according to:		-	
		Counter part: 3926../ 3976.99.0030.00	
Electrical characteristics			
<small>colored value means: still under test target value</small>			
	Value	Unit	Picture
Impedance	50	[Ω]	
Operating frequency up to	6	[GHz]	
Return loss (K-2227-01)			
1 GHz	> 30	[dB]	
2 GHz	> 24	[dB]	
3 GHz	> 23	[dB]	
4 GHz	> 20	[dB]	
6 GHz	> 16	[dB]	
10 GHz	-	[dB]	
3rd. Order PIM product	-	[dBc]	
Insulation resistance	1	[GΩ]	
Contact resistance			
Centre contact	< 100	[mΩ]	initial
Outer contact	< 25	[mΩ]	initial
Contact current max. (DC)	-	[A]	
Operating voltage	100	[V]	
Proof voltage	150	[V]	150 V AC - 1 min.
Mechanical characteristics			
	Value	Unit	Remarks
Engagement force	(approx. 10)	[N]	
Separating force	(approx. 10)	[N]	
Mating cycles	> 500		
Coupling nut retention force	-	[N]	
Coupling nut torque	-	[Nm]	

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<u>Material & plating</u>	Material	Plating
Housing	brass	Cu + Ni
Centre contact	bronze	Cu + Ni + 1,3µm Au
Other metal parts	stainless steel	-
Insulator	PTFE	-
Crimp ferrule	brass	Cu + Ni
Gasket	-	-

<u>Environmental influences</u>		Remarks
Operating temperature range	-40°C up to +85°C Standard	
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

<u>Update historie</u>		
Rev.	date	Signature