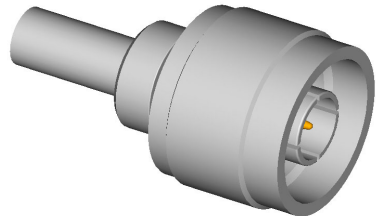


Product data sheet

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Part Number: 475.62.1410.085 (RG 223) Description: Cable mount plug		Revision: - Date: 04.01.05 Signature: I.Sarfert Page: 1 of 2	
Design according to:		IEC 169-16 (Type N)	
Electrical characteristics		colored value means: still under test target value	
	Value	Unit	Picture
Impedance (MIL-C- 39012B)	50	[Ω]	
Operating frequency up to	6	[GHz]	
Return loss			
1 GHz	25	[dB]	
2 GHz	21	[dB]	
4 GHz	21	[dB]	
6 GHz	20	[dB]	
10 GHz		[dB]	
18 GHz		[dB]	
3rd. Order PIM product 2x43dBm	/	[dBc]	
Insulation resistance	5	[GΩ]	
Contact resistance			
Centre contact	1,0	[mΩ]	
Outer contact	0,25	[mΩ]	
Contact current max. (DC)	10	[A]	
Operating voltage	250	[V]	
Proof voltage	750	[V]	
Mechanical characteristics		Value	Unit
Engagement force	>500	[N]	Remarks
Separating force		[N]	
Mating cycles			

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<u>Material & plating</u>	Material	Plating
Spring basket	brass	Cu + 2-4µm CuZnSn
Centre contact	brass	Cu + Ni + 1,3µm Au
Other metal parts	brass	Cu + 2-4µm CuZnSn
Insulator	PTFE	-
Crimp ferrule	copper	Cu + 3-5µmNi
Gasket	Silikon	-

<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