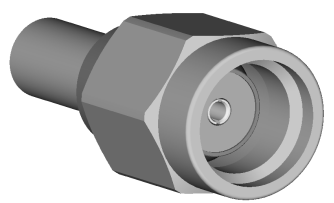


Product data sheet

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Part Number: 4026.42.2410.023 Description: SMA-Cable mount plug rev. pol.		Revision: a Date: 08.11.2005 Signature: U. Mayer Page: 1 of 2	
Design according to:		SMA Reverse Polarity	No IEC Standard
Electrical characteristics:		<small>colored value means: still under test target value</small>	
		Value	Unit
Impedance (MIL-C- 39012B) Operating frequency up to		50 10	[Ω] [GHz]
Return loss measured with cable typ:		RG 174	Nexan
1 GHz 2 GHz 4 GHz 6 GHz 10 GHz 18 GHz		31 26 26 18 17 -	[dB] [dB] [dB] [dB] [dB] [dB]
3rd. Order PIM product 2x43dBm Insulation resistance Contact resistance		/ 5	[dBc] [GΩ]
Centre contact Outer contact		3,0 2,0	[mΩ] [mΩ]
Contact current max. (DC) Operating voltage Proof voltage		2,0 500 1000	[A] [V] [V]
			Picture
			
			Remarks
			at 910MHz / at 1870 MHz
Mechanical characteristics:		Value	Unit
Engagement force Separating force		- -	[N] [N]
Mating cycles Coupling nut retention force Coupling nut torque		> 500 > 270 0,45	[N] [Nm]
			recommended

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	Page: 2 of 2

Material & plating:	RoHS (2002/95/EC) conform	
	Material	Plating
Housing / Nut	Brass	Ni-P + 0,15µm Au
Centre contact	Copper beryllium	Ni-P + 0,15µm Au
Spring ring	Stainless steel	-
Crimp ferrule	Copper	Ni + 0,2µm Au
Insulator	PTFE	-
Gasket	Silikon	-

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

Notes:

Update historie			
Rev.	Date	Alteration	Signature
a	25.07.2008	new design / RF data	uma

Formblatt-Nr.: Form-TK-012b	
Rev.	01
Released	17. Aug 07