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Part Number: 4681.24.1025.403 Description: High power insert male		Revision: Date: 03.07.2009 Signature: Pölz Page: 1 of 2	
Design according to:		DIN 41626 part 1	
<u>Electrical characteristics</u>			
		colored value means: still under test target value	
	Value	Unit	Picture
Impedance (MIL-C- 39012B) Operating frequency up to	DC	$[\Omega]$ $[\text{GHz}]$	
			Remarks
Contact resistance Contact current (DC) Operating voltage Proof voltage	<1 40	$[\text{m}\Omega]$ $[\text{A}]$ $[\text{V}]$ $[\text{V}]$	
<u>Mechanical characteristics</u>			
	Value	Unit	Remarks
Engagment force	max. 10	N	
Disengagment force	min. 4	N	
Mating cycles	>500		

Product data sheet

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Material & plating	RoHS (2002/95/EC) conform	
	Material	Plating
Main part Connector body Retention clip	Diecast (Gd-ZnAl4Cu1) brass PEI	Cu + Ni + 5µm Sn Ni-P + 0,15µm Au -

Environmental influences		
	Operating temperature range	Remarks
	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 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
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Update historie			
Rev.	date	Signature	
			Formblatt-Nr.: Form-TK-012b