Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

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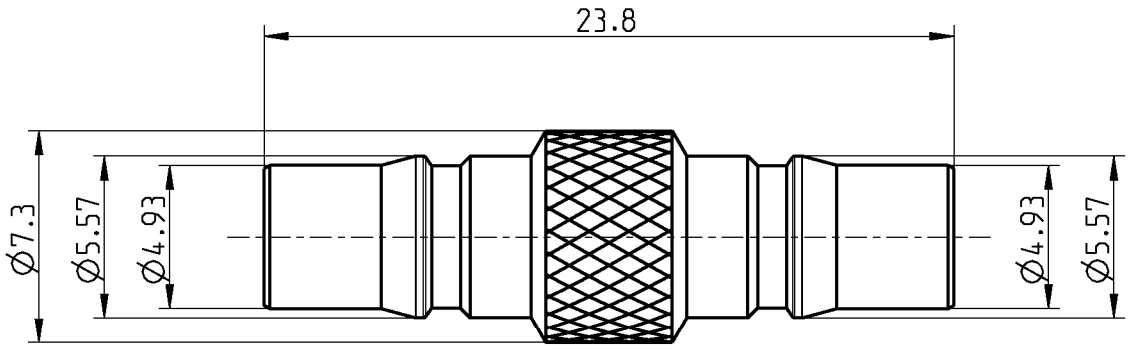
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

TECHNICAL DATA SHEET	Rosenberger
ADAPTOR QMA JACK -JACK	**28K101-K00N5**



All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

According to: Rosenberger 28K000-000, series QMA
Rosenberger is an authorised QLF® manufacturer

Documents

N/A

Material and plating

Connector parts	**Material**	**Plating**
Center contact	Beryllium copper	AuroDur, gold plated
Outer contact	Brass	White bronze(e.g. Optalloy®)
Body	Brass	White bronze(e.g. Optalloy®)
Dielectric	PTFE	

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TECHNICAL DATA SHEET	Rosenberger
ADAPTOR QMA JACK -JACK	**28K101-K00N5**

Electrical data

Impedance	50 Ω
Frequency	DC to 18 GHz
Return loss	≥ 32 dB, DC to 3 GHz
	≥ 28 dB, 3 to 6 GHz
Insertion loss	≤ 0.05 x $\sqrt{f(GHz)}$ dB, DC to 6 GHz
Insulation resistance	≥ 5 x10^3 MΩ
Center contact resistance	≤ 3 mΩ
Outer contact resistance	≤ 2.5 mΩ
Test voltage, at sea level, 50Hz	1000 V rms
Working voltage, at sea level, 50Hz	480 V rms
RF-leakage	≥ 95 dB up to 2 GHz
	≥ 80 dB up to 4 GHz
	≥ 70 dB up to 6 GHz
Intermodulation (3rd order)	≤ -120 dBc @ 2 x 20 W

Mechanical data

Mating cycles	min. 100
Center contact captivation: axial	≥ 20 N
Engagement force	typ. 25 N
Disengagement force	typ. 20 N
Retention force for interface	60 N min.

Environmental data

Temperature range	-40°C to +85°C
Storage temperature	-40°C to +85°C
Thermal shock	IEC 60169-1 16.4 (-40 / +85°C)
Corrosion	IEC 60169-1 16.7 (48 hrs)
Vibration	IEC 60068-2-64 random
Damp heat, steady state	IEC 60169-1 16.3 (96 hrs)
RoHS	compliant

Tooling

N/A

Suitable cables

N/A

Weight

Weight	3.2 g/pce

Draft	Date	Approved	Date
Inge Mühlauer	05/10/04	Sa. Krautenbacher	13.03.14

Rev.	Engineering change number	Name	Date
d00	14-0352	T. Krojer	13.03.14

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