



All dimensions are in mm; tolerances acc. ISO 2768 m-H

Interface

mateable with MALCO microdot

Documents

N/A

Material and plating

Connector parts

Center contact
Outer contact
Dielectric

Material

Beryllium copper
Brass
PTFE

Plating

Auro Dur, gold plated
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**ADAPTOR
MICRODOT JACK - JACK**

www.pewtronic.cz
PLU010086

Electrical data

Impedance	50 Ω
Frequency	DC to 2 GHz
Return loss	≥ 20 dB, DC to 2 GHz
Insertion loss	≤ 0.1 x $\sqrt{f(\text{GHz})}$ dB
Insulation resistance	≥ 5 x 10 ³ MΩ
Center contact resistance	≤ 3.0 mΩ
Outer contact resistance	≤ 3.0 mΩ
Dielectric Withstanding Voltage	1000 V rms
Contact Current	3 A DC max.

Mechanical data

Mating cycles	≥ 500
Recommended coupling torque	≤ 90 Ncm

Environmental data

Temperature range	-65°C to +125°C
Thermal shock	MIL-STD-202, Meth. 107, Cond. B
Corrosion	MIL-STD-202, Meth. 101, Cond. B
Vibration	MIL-STD-202, Meth. 204, Cond. B
Shock	MIL-STD-202, Meth. 213, Cond. H
Moisture resistance	MIL-STD-202, Meth. 106
2002/95/EC (RoHS)	compliant

Tooling

N/A

Suitable cables

N/A

Packing

Standard	1 pce in bag (S0001S), 500 pcs in bag (B0500S)
Weight	0.6 g/pce

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
Inge Mühlauer	15/03/05	A. König	12/04/07	c00	07-0154	S. Huber-Siegl	12/04/07
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de				Tel.: +49 8684 18-0 Fax: +49 8684 18-499 email: info@rosenberger.de			Page 2 / 2