



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

Interface

According to N/A

Documents

Assembly instruction MA_MF-A7
 Panel piercing MB_384

Material and plating

Connector parts

Center contact
 Outer contact
 Body
 Dielectric
 Crimping ferrule

Material

Spring bronze
 Spring bronze
 Spring bronze
 PTFE
 Brass

Plating

AuroDur®, gold plated
 AuroDur®, gold plated

Flash white bronze over silver(e.g. Optargen®)

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RF_35/05.10/6.0

MF

straight jack

MF1K109-1H8L5-NM

Electrical data

Impedance	50 Ω
Frequency	DC to 2 GHz
Return loss	≥ 25 dB, DC to 2 GHz
Insertion loss	≤ 1.8 dB / 2 GHz (typ.)
Insulation resistance	≥ 5 x10 ³ MΩ
Center contact resistance	initial ≤ 30 mΩ
Outer contact resistance	initial ≤ 30 mΩ
Test voltage (at sea level)	TBM
Working voltage (at sea level)	TBM

Mechanical data

Mating cycles	up to 100.000
Engagement force	1 N
Disengagement force	1 N

Environmental data

Temperature range	-25°C .. +85°C
RoHS	compliant
Non-magnetic	compliant

Tooling

Crimping tool	11W150-000
Crimp insert	11W150-401

Suitable cables

6YC6Y 0.2/0.6 - 50

Packing

Standard	50 pcs in bag
Weight	1.3 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
G.Lapper	27/04/11	C. Kainzmaier	09.03.17	a00	17-s085	M. Margardt	09.03.17

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