

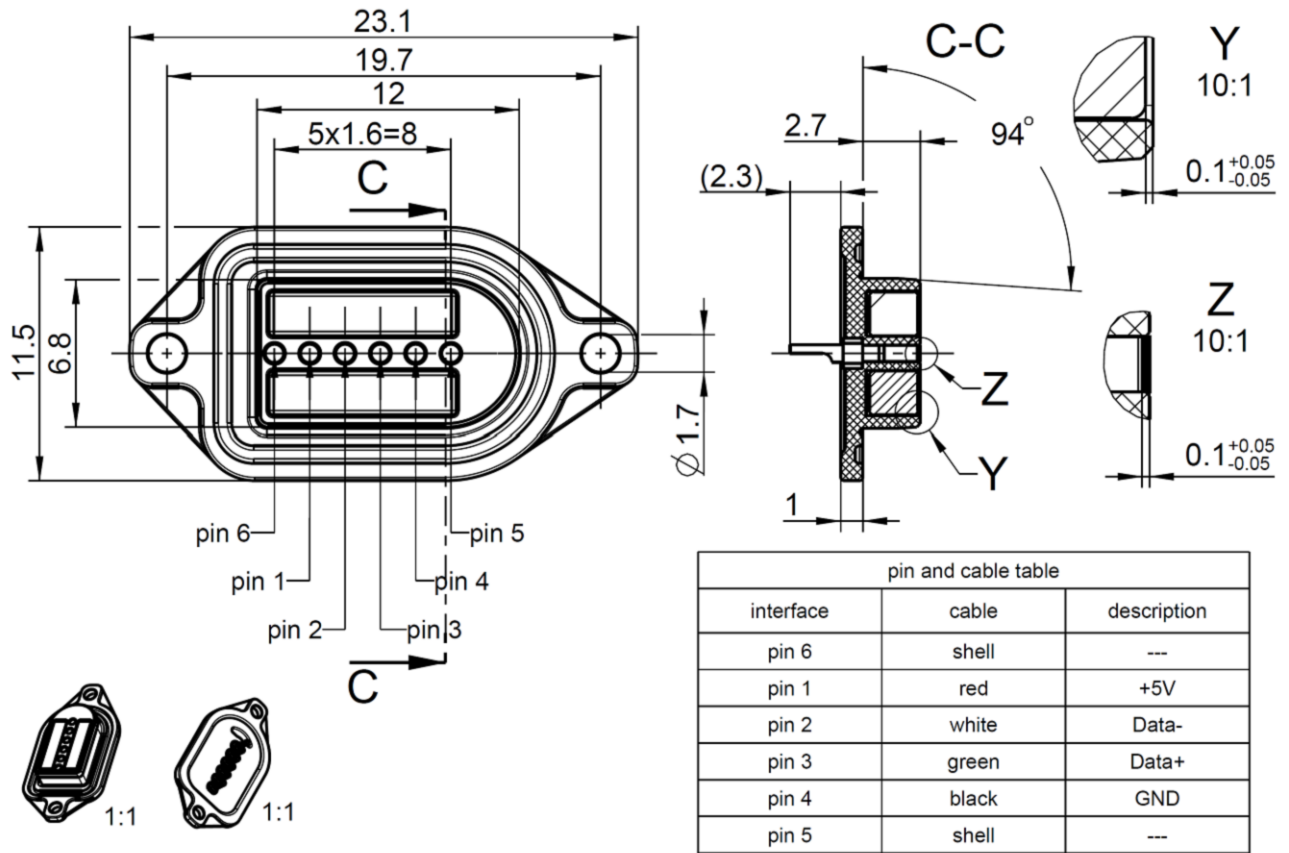
Technical Data Sheet

Rosenberger

M9

MultiMag 6 Receptacle
Cable Solder Version

M9K702-299L



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

General Information

Magnetic connector

Number and type of contacts

Soldering

Color

6 rigid pins

Solder cup for pre-tinned wire with cross section AWG 26

White, similar RAL 9010

Interface

Mating with

MultiMag 6 cable assembly

Material and Plating

Connector Parts

Contacts

Housing

Magnets

Material

Brass

PBT GF30

NdFeB

Plating/Color

Gold plated

Black, similar RAL 9005

Nickel plated

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Electrical Data

Electrical data acc. to USB 2.0 specification

Maximum voltage 5 V
Maximum current 0.5 A

Mechanical Data

Mating cycles min. 2.500
Magnetic disengagement force average ~ 8 N

Environmental Data

Temperature range -20 °C to +60 °C
Magnets start losing their magnetic properties above 65 °C
RoHS compliant

Suitable Cables

Pre-tinned wire with cross section AWG 26

Packing

Standard 100 pcs in blister
Weight ~ 1 g/pc

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
C. Kainzmaier	27.04.15	T. Scheuerlein	25.11.16	a00	16-s361	S. Hofmeister	25.11.16

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