

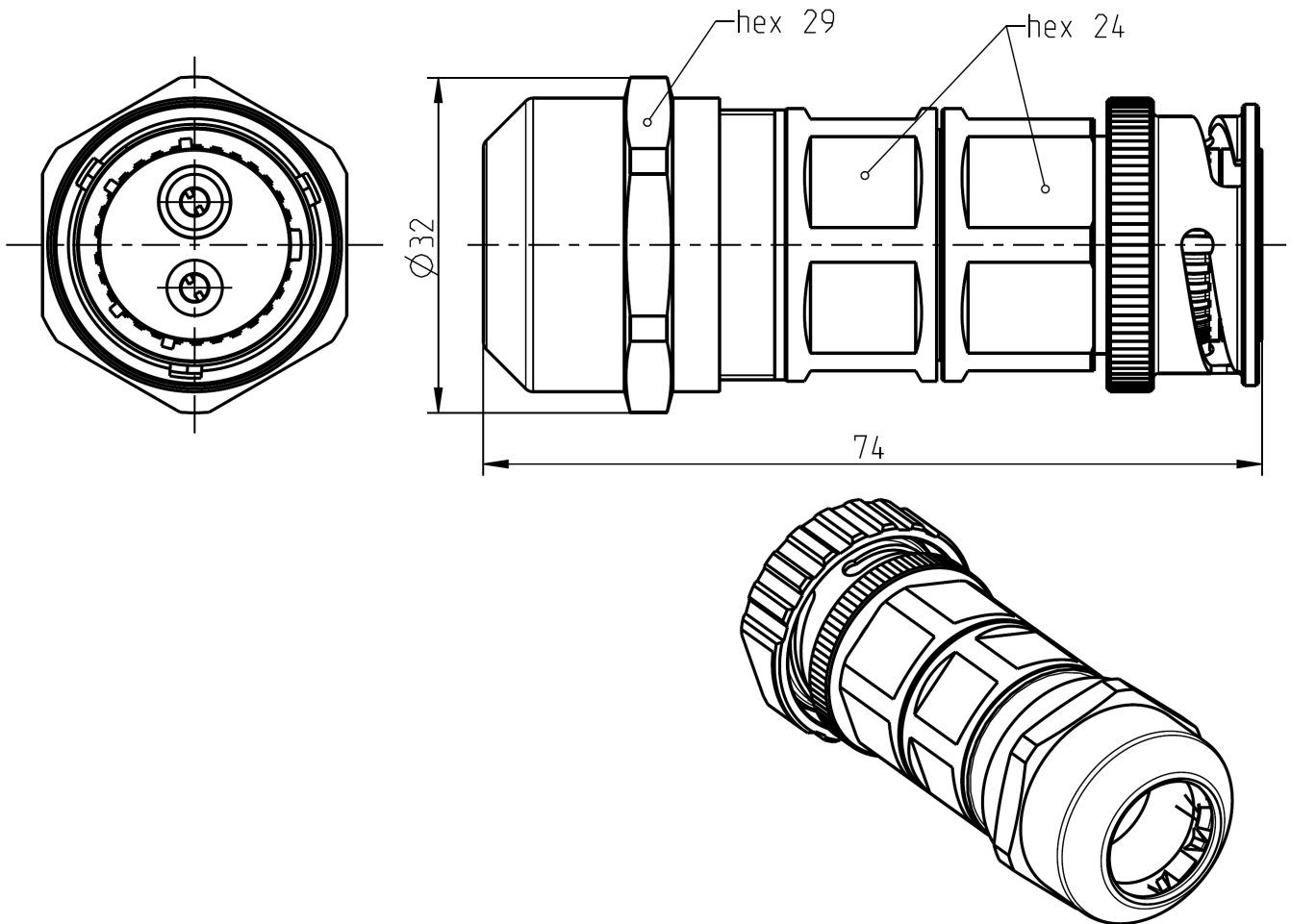
Technical Data Sheet

Rosenberger
Rosenberger Site Solutions, LLC

Multi-
Power

EMI shielded
2-way cable plug

99S73B-199



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

Interface

According to

MIL-DTL-26482H Series 2

Documents

Assembly instruction

MA_99A5

Material and plating

Connector parts

Outer contact
Body
Dielectric
Gasket
Insert
Cable clamp
Protection cap

Material

Brass or Zinc alloy
Brass or Zinc alloy
POM or PBT
Silicone
Spring bronze
PA
POM or equiv.

Plating

White bronze or Tin
White bronze or Tin

Silver, 3-6 µm

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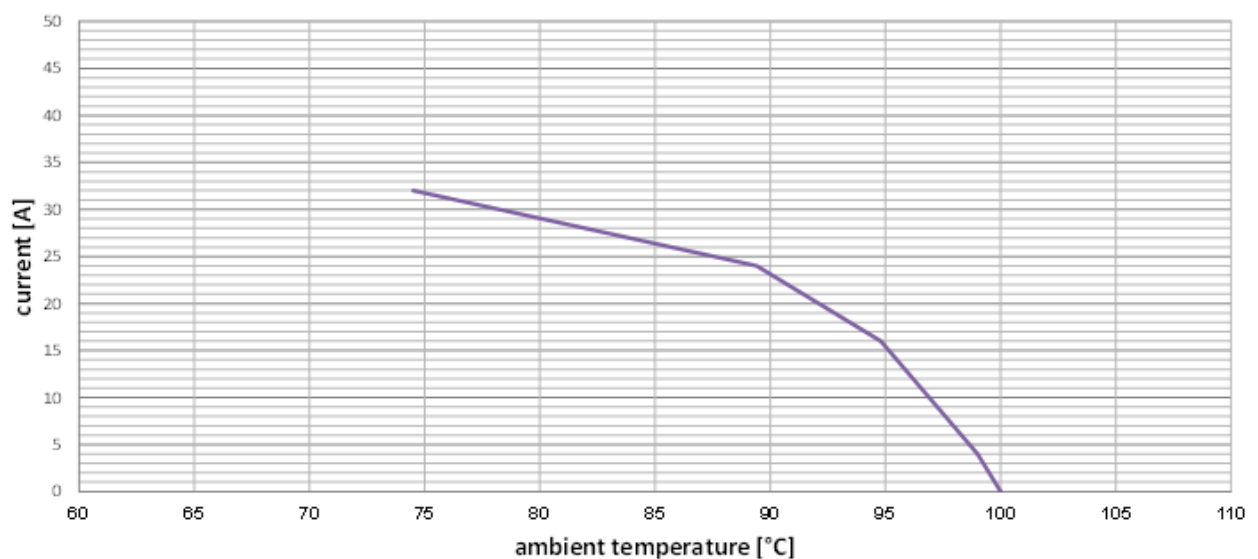
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Electrical data

Contact resistance	$\leq 4 \text{ m}\Omega$ @ insert $\leq 1 \text{ m}\Omega$ DC @ outer contact
Working voltage	$\leq 60\text{V}$ DC
Contact current	(acc. To chart)
Screening attenuation	min. $\geq 30\text{dB}$ DC to 100 MHz

Derating chart acc. to DIN EN 60512-5-2
DUT 99S737-199 + 99K737-199
maximum allowed temperature at DUT: 100°C



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Mechanical data

Mating cycles	≥ 100
Mating force	≤ 50N
Un-mating force	15N to 50N
Coupling torque	1 Nm to 1.5 Nm
Interface retention force	≥ 200N
Copper wire gauge	1 - 10 mm ²

Environmental data

Temperature range	-40°C to +85°C
Thermal shock	IEC 60169-1, Sub-Clause 16.4 (-40°C / 85°C)
Corrosion resistance	ISO 21207 Method B 5
Vibration	IEC 60068-2-6
Shock	IEC 60068-2-27
Moisture resistance	IEC 60068-2-3
Degree of protection (mated pair)	IEC 60529, IP68
RoHS	compliant

Cable

Cable outer diameter	Ø 7 – 17mm
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Weight

Weight	165.5 g/pc
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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
E. Truc-Vallet	17.11.2014	E. Truc-Vallet	29.07.15	400	15-v410	Tobias Stadler	29.07.15
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