



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

Interface

According to IEC 60169-16, MIL-PRF-39012, CECC 22210

Documents

N/A

Material and plating

Connector parts	Material	Plating
Cover plate	Brass	White bronze(e.g. Optalloy®)
Rivet	Brass	Flash white bronze over silver(e.g. Optargen®)
Cord	cord	
Solder cable lug	Copper	Tin
Gasket	Silicone	

Electrical data

N/A

Mechanical data

Mating cycles min. 500
 Coupling nut retention ≥ 450 N
 Coupling test torque max. 1.7 Nm
 Recommended torque 0.7 Nm to 1.1 Nm

Environmental data

Temperature range -55°C to +155°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. I
 Moisture resistance MIL-STD-202, Meth. 106
 Degree of protection (mated pair) IEC 60529, IP68
 RoHS compliant

Tooling

N/A

Suitable cables

N/A

Weight

Weight 13.5 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
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