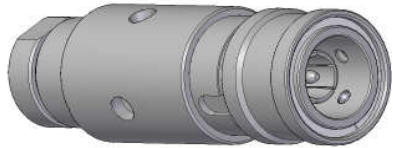


Product data sheet

IMS CONNECTOR SYSTEMS GmbH
 Obere Hauptstrasse 30
 D-79843 Löffingen
 Postfach 1141
 D-79840 Löffingen

Tel (+49) 7654 901-0
 Fax (+49) 7654 901-199
 Net: www.imscs.com
 E-mail: sales@imscs.com

| | | | |
|---|-------------------------------|--|---|
| Part Number: 4223.DNS.1110.389 Description: Cable mount plug | | Revision: a Date: 2007.04.17 Signature: Pölz Page: 1 of 2 | |
| Design according to: | | similar to IEC 169-11 (Type 4.1/9.5) | |
| Electrical characteristics | | colored value means: still under test target value | |
| | Value | Unit | Picture |
| Impedance (MIL-C- 39012B) | 60 | [Ω] |  |
| Operating frequency up to | 2 | [GHz] | |
| Return loss | | | |
| 1 GHz | 21 | [dB] | |
| 2 GHz | 18 | [dB] | |
| 3rd. Order PIM product | - | [dBc] | Remarks The plug is similar to IEC 169-11, but not meatable with IEC 169-11 |
| Insulation resistance | ≥ 5 | [G Ω] | |
| Contact resistance | | | |
| Centre contact | ≤ 1 | [m Ω] | |
| Outer contact | $\leq 0,25$ | [m Ω] | |
| Contact current max. (DC) | | [A] | |
| Operating voltage | | [V] | |
| Proof voltage | | [V] | |
| Mechanical characteristics | | Value | Unit |
| Mating cycles | >500 | | Remarks |

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| | Page: 2 of 2 |

| <u>Material & plating</u> | Material | Plating |
|-------------------------------|-------------------------|-----------|
| Housing | brass | Ni |
| Coupling nut | brass | Ni |
| Centre contact | copper beryllium | Ag |
| Insulator | PTFE | - |
| Spring basket | copper-beryllium | Ag |

| <u>Environmental influences</u> | | Remarks |
|---|--|---------|
| Operating temperature range | -40°C up to +85°C Standard | |
| Climatic sequence: 1. Dry heat 2. Damp heat, cyclic, 1 cycle 3. Cold 4. Damp heat, cyclic, 6 cycles | IEC 60068-2-61 IEC 60068-2-2-Ba IEC 60068-2-30-Db IEC 60068-2-1-Aa IEC 60068-2-30-Db | |

Notes

| <u>Update historie</u> | | |
|------------------------|------------|-----------|
| Rev. | date | Signature |
| - | 2007.03.23 | Pölz |
| | | |
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