



- 1) Measured when retaining clip is fully pushed towards contact area.
- 2) The border dimension includes the necessary axial misalignment of the retaining clip.

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

Interface

According to DIN 41626/2, BS 9525 F0011

Documents

Assembly instruction 55 B

Material and plating

Connector parts

| | Material | Plating |
|------------------|-----------------|-----------------------|
| Center contact | CuBe | AuroDur®, gold plated |
| Outer contact | CuBe | AuroDur®, gold plated |
| Body | Brass | Gold, 0.1 µm |
| Clip | CuBe | Nickel, 2.5-5 µm |
| Dielectric | PTFE | |
| Crimping ferrule | Copper | Gold, 0.1 µm |

Electrical data

| | |
|---------------------------|--|
| Impedance | 50 Ω |
| Frequency | DC to 2 GHz |
| Return loss | ≥ 20 dB |
| Insertion loss | ≤ 0.05 x √f(GHz) dB |
| Insulation resistance | ≥ 200 MΩ |
| Center contact resistance | ≤ 10 mΩ |
| Outer contact resistance | ≤ 3 mΩ |
| Test voltage | 750 V rms |
| Working voltage | 250 V rms |
| RF-leakage | ≥ 80 dB up to 0.5 GHz ≥ 65 dB up to 1.5 GHz |

- Limitations are possible due to the used cable type -

Mechanical data

| | |
|----------------------------------|--------|
| Mating cycles | ≥ 500 |
| Center contact captivation | ≥ 10 N |
| Connector captivation in plastic | ≥ 52 N |
| Engaging and disengaging force | ≤ 10 N |

Environmental data

| | |
|-------------------|---|
| Temperature range | -55°C to +125°C |
| Climatic class | IEC 60068-2-1 55/125/21 IEC 60068-2-2 IEC 60068-2-3 |
| RoHS | compliant |

Tooling

| | |
|---------------|------------|
| Crimping tool | 11W150-000 |
| Crimp insert | 11W150-103 |

Suitable cables

RG 316 /U-d, K02252d

Weight

| | |
|--------|-----------|
| Weight | 2.3 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 |
|--|----------|-------------------|----------|------|--|-----------|---------------|
| Rong Fang | 19/03/08 | Sa. Krautenbacher | 17.03.14 | b00 | 14-0352 | T. Krojer | 17.03.14 |
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