



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

**Interface**

According to

CECC 22220, IEC 61169-36

**Documents**

PCB layout

B 205

Tape & reel packaging

VG12.1M500

**Material and plating**

**Connector parts**

Center contact

**Material**

CuBe

Outer contact

Brass

Dielectric

LCP

**Plating**

AuroDur®, gold plated

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**Electrical data**

Impedance	50 Ω
Frequency	DC to 6 GHz
Return loss	≥ 21 dB, DC to 6 GHz
Insertion loss	≤ 0.05 x √f(GHz) dB
Insulation resistance	≥ 1 GΩ
Center contact resistance	≤ 5.0 mΩ
Outer contact resistance	≤ 2.5 mΩ
Test voltage	750 V rms
Working voltage	335 V rms
Contact Current	1.5A DC max.

- VSWR in application depends decisive on PCB layout -

**Mechanical data**

Mating cycles	≥ 500
Center contact captivation	≥ 10 N
Engagement force	≤ 25 N
Disengagement force	8 N min. to 20 N max.

**Environmental data**

Temperature range	-55°C to +155°C
Thermal shock	CECC 22 220, Chapter 4.6.7
Vibration	CECC 22 220, Chapter 4.6.3
Corrosion	CECC 22 220, Chapter 4.6.10
Moisture resistance	CECC 22 220, Chapter 4.6.6
Max. soldering temperature	IEC 61760-1, +260°C for 10 sec.
RoHS	compliant

**Tooling**

N/A

**Suitable cables**

N/A

**Weight**

Weight	0.5 g/pce
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For the installation of the electrotechnical equipment, particular electrotechnical expertise is required.



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RF\_35/09.14/6.2

Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
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