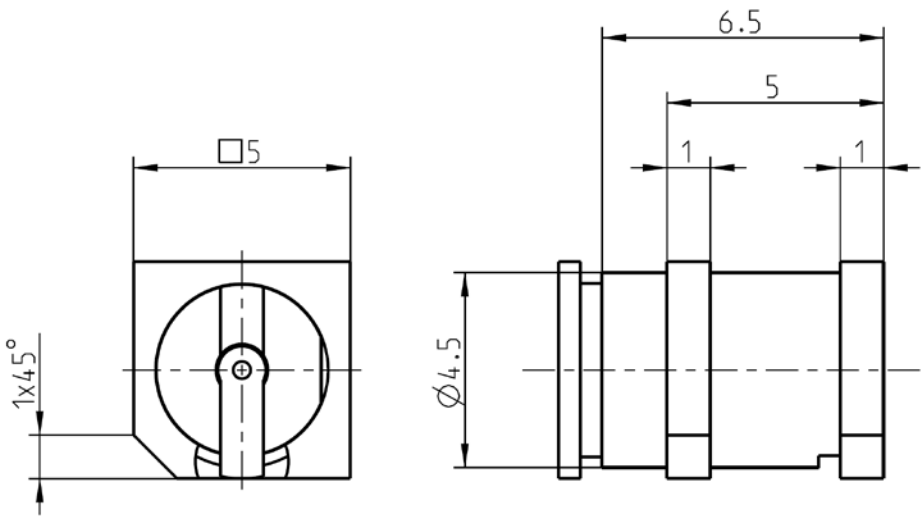
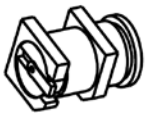




All dimensions are in mm; tolerances acc. ISO 2768 m-H

Interface

According to	CECC 22 220, IEC 60169-36

Documents

PCB layout	B 205a
Tape & reel packaging	VG04.50000

Material and plating

Connector parts	**Material**	**Plating**
Center contact	CuBe	AuroDur®, gold plated
Outer contact	Brass	AuroDur®, gold plated
Dielectric	LCP	

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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 $\sqrt{f(GHz)}$ 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	0.55 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.

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Draft	Date	Approved	Date
Huppenberger	14/04/15	Huppenberger	17.11.2015

Rev.	Engineering change number	Name	Date
a00	15-s412	A_Wallner	17.11.2015

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