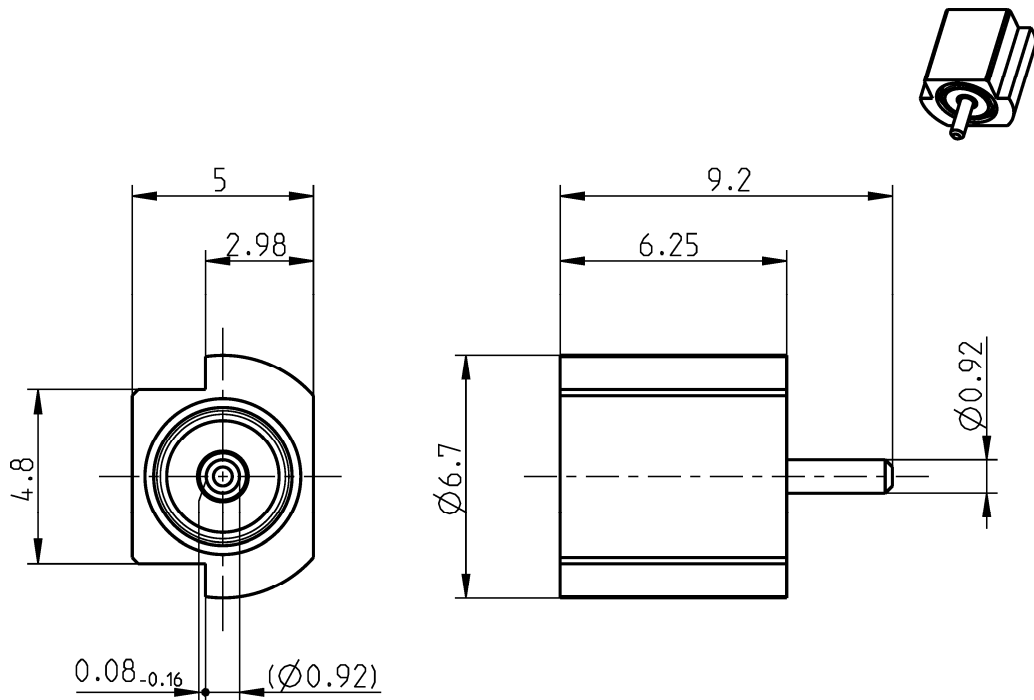




All dimensions are in mm; tolerances acc. ISO 2768 m-H

Interface

According to

CECC 22 220, IEC 60169-36

Documents

PCB layout

B 173

Material and plating

Connector parts

Center contact
Outer contact
Dielectric

Material

CuBe
Brass
PTFE

Plating

AuroDur®, gold plated
AuroDur®, gold plated

TECHNICAL DATA SHEET				Rosenberger			
MCX RIGHT ANGLE JACK PCB				29K203-40ML5			
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		1.1 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
Inge Mühlauer	30/08/04	R. Weidensp.	27.07.2015	j00	15-0983	Fl. Öllerer	27.07.2015
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