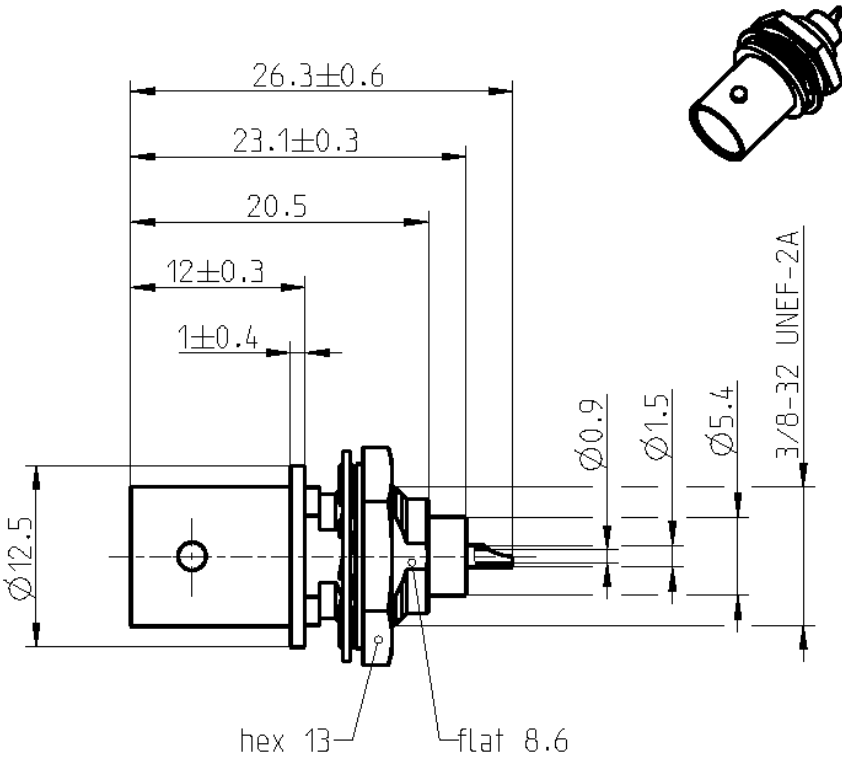


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RF_35/08.13/6.1

Technical Data Sheet		Rosenberger
BNC 75 Ω	BULKHEAD JACK SOLDER END	71K504-200N5
		
All dimensions are in mm; tolerances according to ISO 2768 m-H		
Interface		
Compatible to		IEC 61169-8, MIL-PRF-39012, CECC 22120
Documents		
Panel piercing		B 2
Material and plating		
Connector parts		
Center contact	Material	Plating
Outer contact	CuBe	AuroDur®, gold plated
Body	Brass	Flash white bronze over silver(e.g. Optargen®)
Dielectric	Brass	Flash white bronze over silver(e.g. Optargen®)
	PTFE	
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de	Tel. : +49 8684 18-0 Fax : +49 8684 18-499 Email : info@rosenberger.de	Page 1 / 2

Technical Data Sheet				Rosenberger			
BNC 75 Ω		BULKHEAD JACK SOLDER END		71K504-200N5			
Electrical data Impedance75 Ω FrequencyDC to 4 GHz Return loss≥ 18 dB, DC to 1 GHz Insertion loss≤ 0.1 x √ f [GHz] dB, DC to 1 GHz Insulation resistance≥ 5 x10³ MΩ Center contact resistance≤ 1.5 mΩ Outer contact resistance≤ 1 mΩ Test voltage1500 V rms Working voltage400 V rms Power handling (at 20 °C, sea level, VSWR 1.0)≤ 80 W @ 2 GHz							
Mechanical data Mating cycles≥ 500 Center contact captivation: axial≥ 15 N							
Environmental data Temperature range-65 °C to +165 °C Thermal shockMIL-STD-202, Method 107, Condition B Corrosion resistanceMIL-STD-202, Method 101, Condition B VibrationMIL-STD-202, Method 204, Condition B ShockMIL-STD-202, Method 213, Condition G Moisture resistanceMIL-STD-202, Method 106 RoHScompliant							
Tooling N/A							
Suitable cables N/A							
Weight Weight8.6 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	
Inge Mühlauer		27.07.04		Sa. Krautenbacher		21.03.14	
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