



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



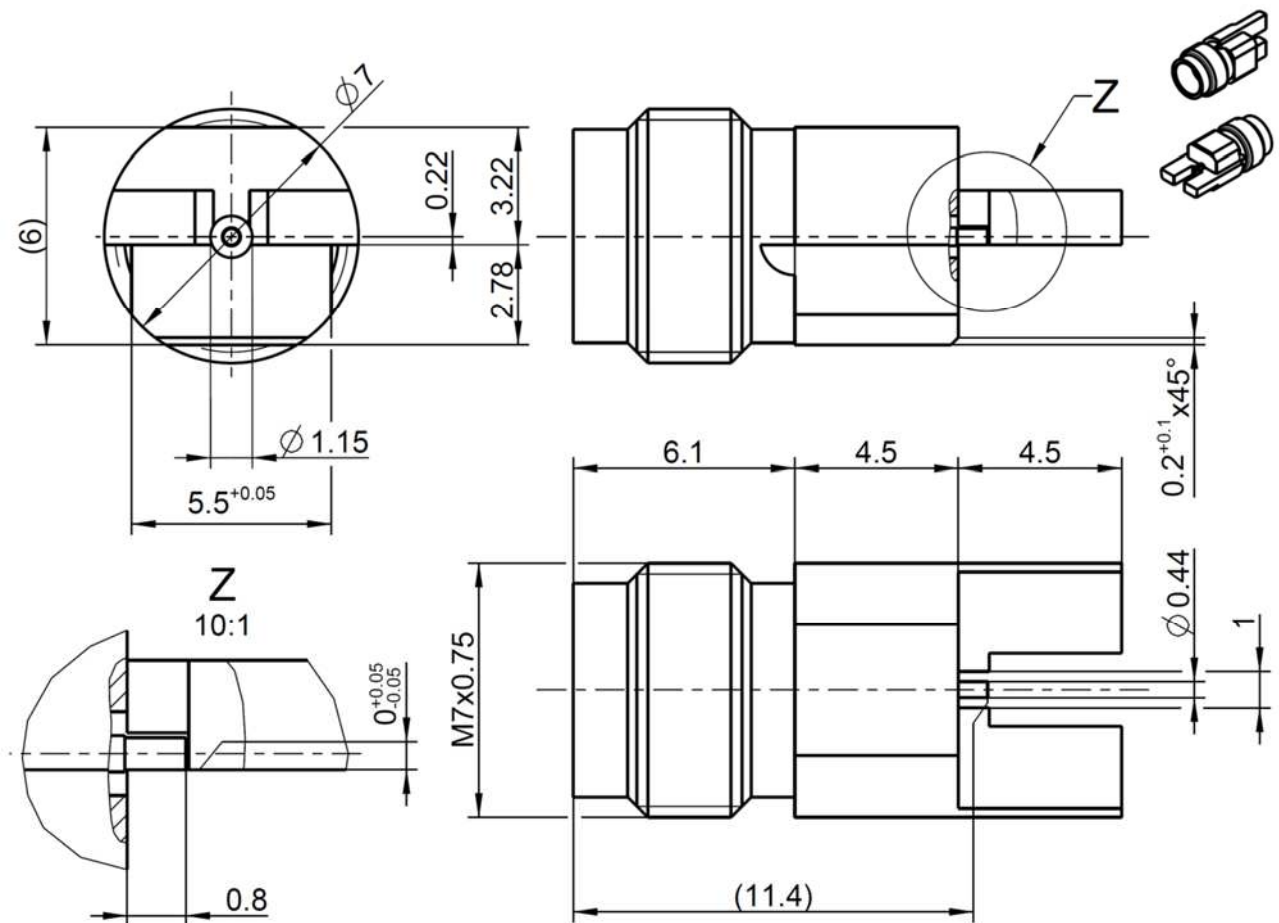
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All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

According to
Mechanically compatible with

IEC 61169-32
RPC-2.40

Documents

PCB layout

B 519

Material and plating

Connector parts

Center contact
Outer contact
Dielectric 1
Dielectric 2

Material

CuBe
CuBe or equiv.
PEEK
PTFE

Plating

Gold, min. 1.27 µm, over chemical nickel
AuroDur®, gold plated

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Technical Data Sheet				Rosenberger			
RPC-1.85		Right Angle Jack PCB		08K246-40ML3			
Electrical data Impedance50 Ω FrequencyDC to 70 GHz Return loss≥ 20 dB, DC to 40 GHz ≥ 14 dB, 40 GHz to 50 GHz ≥ 8 dB, 50 GHz to 70 GHz Insertion loss≤ 0.05 x √f(GHz) dB Insulation resistance≥ 5 GΩ Center contact resistance≤ 4.0 mΩ Outer contact resistance≤ 2.5 mΩ Test voltage500 V rms Working voltage150 V rms RF-leakage≥ 100 dB up to 1 GHz - Connector only, VSWR in application depends decisive on PCB layout - Mechanical data Mating cycles≥ 500 Center contact captivation: axial≥ 20 N Coupling test torque1.65 Nm Recommended torque0.80 Nm to 1.10 Nm Environmental data Temperature range-55°C to +125°C Thermal shockIEC 61169-1, Subclause 9.4.4 CorrosionIEC 61169-1, Subclause 9.4.6 VibrationIEC 61169-1, Subclause 9.3.3 ShockIEC 61169-1, Subclause 9.3.14 Moisture resistanceIEC 61169-1, Subclause 9.4.3 Max. soldering temperatureIEC 61760-1, +260°C for 10 sec. RoHScompliant Tooling N/A Suitable cables N/A Weight 2.7 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
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