



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!



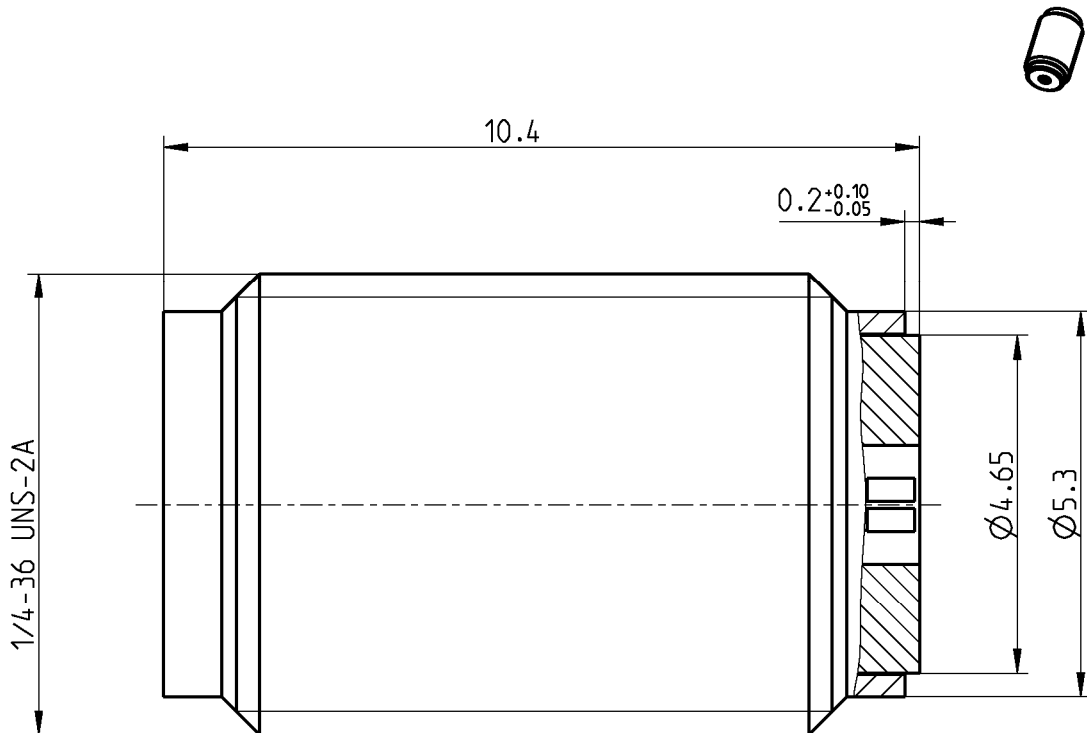
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for glass-bead of 0.3 mm pin diameter

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

Interface

According to IEC 61169-35
Mechanically compatible with RPC-3.50 and SMA

Documents

Test procedure PV_M_0131
Assembly instruction 02 E

Material and plating

Connector parts

Center contact
Outer contact RPC-2.92
Outer contact hermetical side
Dielectric

Material

CuBe
Stainless steel
Brass
PS

Plating

AuroDur®, gold plated
Passivated
AuroDur®, gold plated

RPC-2.92 LAUNCHER JACK
FOR GLASSBEAD

02K526-800S3

Electrical data

Impedance 50 Ω
 Frequency DC to 40 GHz
 Return loss ¹⁾ ≥ 23 dB, DC to 34 GHz
 ≥ 19 dB, 34 GHz to 40 GHz
 Reflection coefficient (TDR) ²⁾ Step response max. ± 15 mU
 Insertion loss ≤ 0.04 x √f(GHz) dB
 Insulation resistance ≥ 5 GΩ
 Center contact resistance ≤ 3.0 mΩ
 Outer contact resistance ≤ 2.0 mΩ
 Test voltage 750 V rms
 Working voltage 250 V rms
 RF-leakage ≥ 100 dB up to 1 GHz

1) measured including measuring adaptor 02K122-900S3
 2) measured with "time domain low-pass mode" including measuring adaptor 02K122-900S3

Mechanical data

Mating cycles ≥ 500
 Center contact captivation ≥ 20 N
 Coupling test torque RPC-2.92 1.70 Nm
 Recommended torque RPC-2.92 0.80 Nm to 1.10 Nm
 Coupling torque hermetical side 1.70 Nm max.

Environmental data

Temperature range -40°C to +85°C
 Thermal shock MIL-STD-202, Method 107, Condition B
 Corrosion MIL-STD-202, Method 101, Condition B
 Vibration MIL-STD-202, Method 204, Condition D
 Shock MIL-STD-202, Method 213, Condition I
 Moisture resistance MIL-STD-202, Method 106
 2002/95/EC (RoHS) compliant

Tooling

Measuring adaptor 02K122-900S3
 Soldering fixture 02W001-000
 Mounting wrench 02W007-000

Suitable glass bead

Glass bead 02Z101-000

Packing

Standard 100 pcs in blister
 Weight 1.5 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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