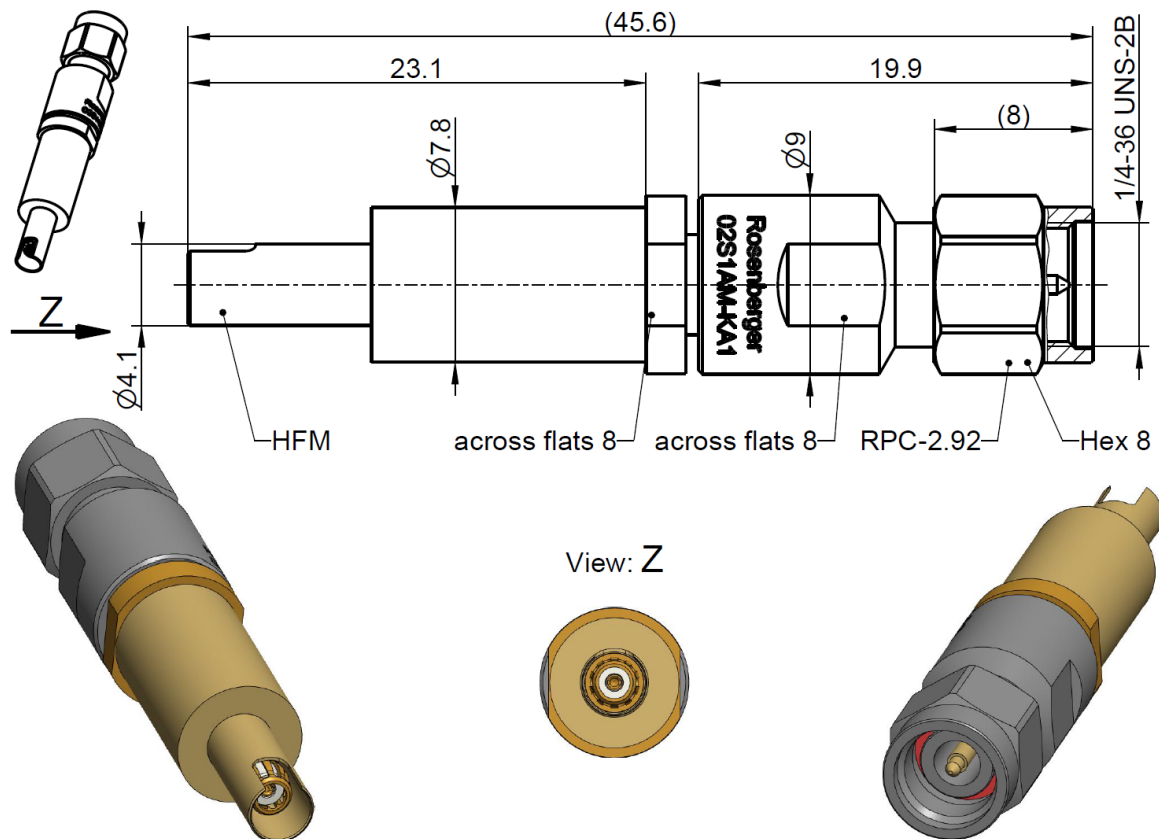


CALIBRATION ADAPTOR
RPC-2.92 Plug – HFM Jack

02S1AM-KA1S3



All dimensions are in mm

Interface

According to
Mechanically compatible with
HFM according to

IEC 61169-35
RPC-3.50 and SMA
RN_108-01

Documents

Electrical requirement

RN_107-01

Material and plating

Connector parts

Center contact
Outer contact RPC-2.92
Outer contact HFM
Dielectric RPC-2.92
Dielectric HFM
Coupling nut RPC-2.92
Gasket RPC-2.92

Material

CuBe
Stainless steel
CuBe
TPX
PEEK
Stainless steel
Silicone

Plating

Gold, min. 1.27 µm, over chemical nickel
Passivated
Gold, min. 1.27 µm, over chemical nickel

Passivated

öffentlich | public

Technical Data Sheet		Rosenberger					
CALIBRATION ADAPTOR RPC-2.92 Plug – HFM Jack		02S1AM-KA1S3					
Electrical data FrequencyDC to 20 GHz Return loss≥ 30 dB, DC to 3 GHz ≥ 25 dB, 3 GHz to 6 GHz ≥ 20 dB, 6 GHz to 12 GHz ≥ 18 dB, 12 GHz to 17 GHz ≥ 14 dB, 17 GHz to 20 GHz Insertion loss≤ 0.01 x √f(GHz)dB							
Mechanical data Mating cyclesRPC-2.92HFM ≥ 500≥ 500 Maximum torque1.70 N Recommend torque0.80 Nm to 1.10 Nm Engagement force≤ 15 N Disengagement force≥ 2 N Gauge0.00 mm to 0.08 mm							
Environmental data Operating temperature range¹+20 °C to +26 °C Rated temperature range of use²0 °C to + 50 °C Storage temperature range-40 °C to +85 °C RoHScompliant ¹ Temperature range over which these specifications are valid. ² This range is underneath and above the operating temperature range, within the open circuit is fully functional and could be used without damage							
Weight 14.5 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
S. Andorfer	09.02.23	H. Babinger	11.04.24	300	24-0536	A. Brunmaier	10.04.24
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