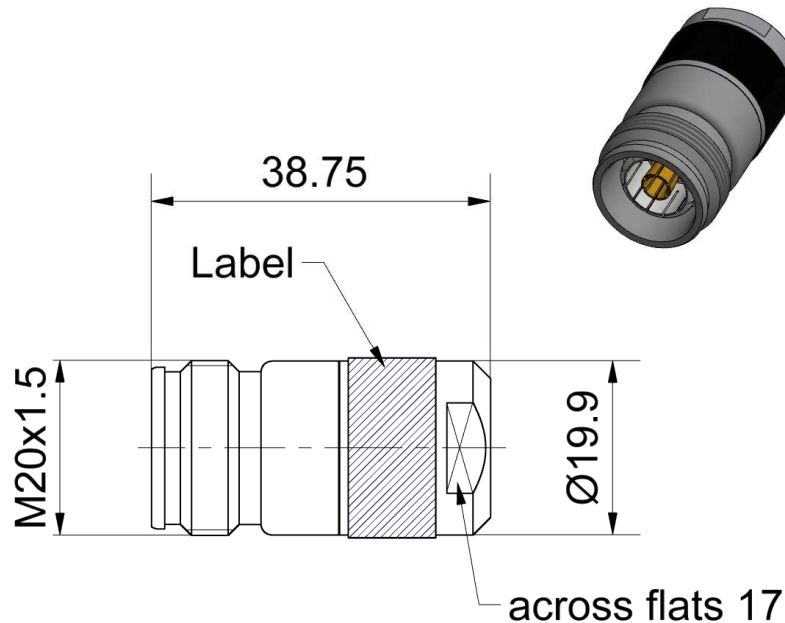




All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

According to IEC 60169-54

Documents

N/A

Material and plating

Connector parts

Center contact
Outer contact
Contact spring
Body
Dielectric
Substrate

Material

CuBe
Stainless steel
CuBe or equiv.
Brass
PTFE
Al₂O₃

Plating

Gold, min. 1.27 µm, over nickel
Passivated
Silver, 3-6 µm
White bronze(e.g. Optalloy®)

Technical Data Sheet

Rosenberger

4.3-10

Termination
jack

64K17R-001S3

Electrical data

Impedance	50 Ω
Frequency	DC to 6 GHz
Return loss	≥ 36 dB, DC to 2 GHz
	≥ 26.5 dB, 2 GHz to 6 GHz
Power handling	1 W at 25°C
	derated linearity to 0 Watts at 125°C

Mechanical data

Mating cycles	≥ 500
Maximum torque	5 Nm
Recommended torque	2 Nm
Gauge	3.10 mm to 3.25 mm

Environmental data

Temperature range	-40 °C to +85 °C
RoHS	compliant

Packing

Standard	1 pce in bag
Weight	74 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
Marcel Panicke	20.03.15	Markus Müller	05.10.16	c00	16-1659	Marion Striegler	05.10.16
Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de					Tel. : +49 8684 18-0 Email : info@rosenberger.de		Page 2 / 2

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Rosenberger:](#)

[64K17R-001S3](#)