



All dimensions are in mm

**Documents**

Technical data sheet      RPC-1.85 SMD connector Jack      08K249-40ML5

*It is strongly recommended to hold the connector against the wrench flats on the connector body to avoid damage to the board when applying torque.*

**PCB parts**

Board      RO4003/RF4 25x20      PCB-S4702-SU

**Electrical data**

Impedance      50 Ω  
Frequency      DC to 70 GHz  
Return loss      ≥ 12 dB, DC to 70 GHz

**Environmental data**

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

**Weight**

7.7 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
F. Reiner	10.10.19	H. Babinger	20.10.22	200	22-1724	S. Schmid	18.10.22

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