



RPC-1.85

Launcher jack  
for glassbead

**08K524-800S5**

**Electrical data**

Impedance	50 Ω
Frequency	DC to 70 GHz
Return loss <sup>1)</sup>	≥ 25 dB, DC to 26.5 GHz ≥ 19 dB, 26.5 GHz to 50 GHz ≥ 16.5 dB, 50 GHz to 70 GHz
Reflection coefficient (TDR) <sup>2)</sup>	Step response max. ± 20 mU
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 voltage	500 V rms
Working voltage	150 V rms
RF-leakage	≥ 100 dB up to 1 GHz

- 1) Measured including measuring adapter 08K121-90053
- 2) Measured with "time domain low-pass mode" including measuring adaptor 08K121-90053

**Mechanical data**

Mating cycles	≥ 500
Center contact captivation	≥ 20 N
Coupling test torque	1.65 Nm
Recommended torque	0.80 Nm to 1.10 Nm

**Environmental data**

Temperature range	-40°C to +85°C
Thermal shock	IEC 61169-1, Subclause 9.4.4
Corrosion	IEC 61169-1, Subclause 9.4.6
Vibration	IEC 61169-1, Subclause 9.3.3
Shock	IEC 61169-1, Subclause 9.3.14
Moisture resistance	IEC 61169-1, Subclause 9.4.3
RoHS	compliant

**Tooling**

Soldering fixture	08W001-000
Mounting wrench	08W003-000

**Suitable glass bead**

Glass bead	08Z101-000
Glass bead	08Z101-00A

**Weight**

2.0 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
Herbert Babinger	04.10.11	Armin Maiwalder	24.03.21	d01	21-004	A. Youmsi	24.03.21

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