

gemeinsame Toleranzzone
shared tolerance

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

Documents

Tape & reel packaging VG63.19000

Material and plating

Connector parts

- Piston
- Ferrule
- Spring
- Isolator

Material

- Brass
- Brass
- Stainless steel
- PPS

Plating

- Gold, 0.5 μm over chemical Nickel
- Gold, min. 0.15 μm , over chemical nickel
- N/A

Electrical data

- Insulation resistance $\geq 5 \times 10^3 \text{ M}\Omega$
- Contact resistance $\leq 25 \text{ m}\Omega$ initial
After 5 cycles operational stroke
- Working voltage 4 V
- Max. Current 1.5 A per pin

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RF_35/05_10/6.0

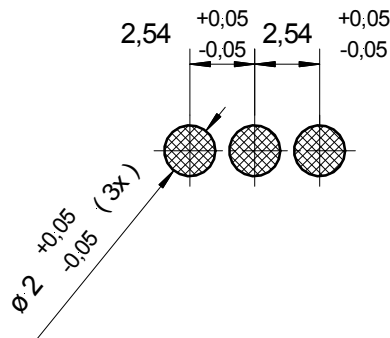
Mechanical data

Durability	> 5,000
Max. pin travel	1.6 mm
Nominal height	4.15 mm
Travel vs Force	Initial F0 = 0.2 N +/-0.1 N
	At 3.45 mm F1 = 0.7 N +/- 0.15 N

Environmental data

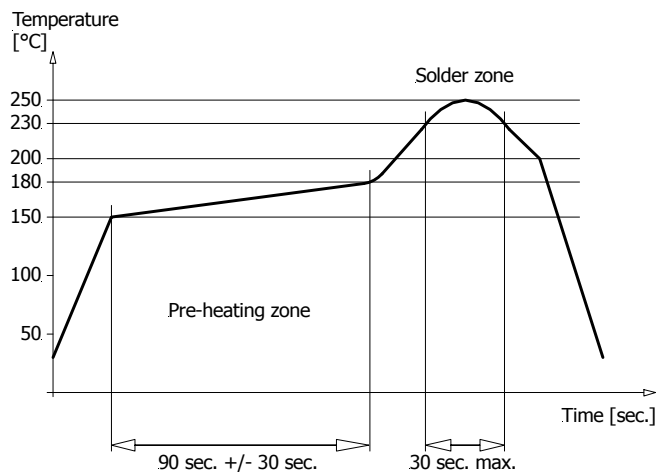
Operating temperature	IEC 60068-2-1, Aa -40 °C
	IEC 60068-2-2, Bb +90 °C
Storage temperature	IEC 60068-2-1, Aa -55 °C
	IEC 60068-2-2, Bb +100 °C
RoHS	compliant

PCB_Layout proposal



Soldering process

1. Lead free solder process



Technical Data Sheet**Rosenberger**

99P

POGO BLOCK

99P307-041Z**Packing**Standard
Weight1,900 pcs in tape & reel or single packed
0.36 g/pce**Change History**

Rev.	Date	Change
k00	11.12.14	Changed dimension from 2.8 to 2.9

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.Michelmann	10.10.06	S.Hering	17.02.15	k00	14-1843	P.Schroeder	17.02.15
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