POGO Spring-Pin Connectors, 10,000 Cycles

Spring pins · 10,000 cycles · surface mount



Pitch	2.54 mm
Contacts	1–20 (single row), 1–10 per row (double)
Current rating	1 A
Temperature	–55 to +125 °C
Mating cycles	10,000

Key features

- Spring-loaded pins with 0.8 mm stroke
- Zero insertion force; 10,000 mating cycles
- Single row 1–20 or double row 1–10 per row, 2.54 mm pitch
- Surface-mount tails; pin and target (socket) versions
- Custom shapes and pin counts

Specifications

Electrical

Parameter	Value	Condition
Withstanding voltage	700 V	
Current rating	1 A	
Contact resistance	≤ 10 mΩ	
Insulation resistance	≥ 5000 MΩ	

Mechanical and environmental

Parameter	Value	Condition
Durability	10,000 cycles	
Spring stroke	0.8 mm	
Operating temperature	–55 to +125 °C	
Vibration	10–2000 Hz, 147 m/s²	
Shock	980 m/s²	

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