PDS High-Density Rectangular PCB Connectors, 45 to 240 Contacts

45–240 contacts · wire-spring sockets · 1000 cycles



Pitch	2.54 mm
Contacts	45 to 240
Temperature	–55 to +125 °C
Mating cycles	1000

Key features

- 45, 60, 75 … 210, 240 contacts in three rows
- Wire-spring (hyperboloid) or leaf-spring sockets
- Partial loading options (row b empty, or alternate positions)
- Right-angle or straight dip-solder, wire-wrap or solder tails
- Polarized against mis-mating; 1000 mating cycles

Specifications

Electrical

Parameter	Value	Condition
Rated voltage	250 V	
Dielectric withstanding voltage	1000 V	
Insulation resistance	≥ 1000 MΩ	

Mechanical and environmental

Parameter	Value	Condition
Operating temperature	–55 to +125 °C	
Vibration	10–2000 Hz, 147 m/s²	
Shock	980 m/s²	
Durability	1000 mating cycles	

Standards

- **GJB 1438/1 (MIL-DTL-55302 type)** — Printed-circuit connectors.

Request a quote or drawing: https://sinoxh.com/request-a-quote/?product=PDS