



SPRING FINGERS

A spring finger (also known as shield fingers, grounding springs, or universal ground contacts) is a single contact, surface mountable internal connector with multiple functions on a PCB. It can be used for antenna feed, grounding or shielding to reduce EMI noise and static. It provides connection for stacking applications between PCBs. TE Connectivity (TE) offers various spring finger types with wide working range and smallest footprint which reduces PCB dimension and internal space.

INDUSTRIES

- Consumer Electronics
- Industrial
- Medical
- Automotive
- IoT

BENEFITS

- Provides a reliable connection to limit or prevent EMI noise, static and vibration
- Provides an easy and inexpensive solution for connecting multiple PCBs
- Available in a wide array of sizes: allowing for versatility in PCB layout
- Designed with ease of installation in mind: does not require expensive or specialized installation equipment

APPLICATIONS

- IoT
- Smart Home
- Consumer Electronics
- Cell Phones/Tablets
- Smart Watches
- Earbuds
- Wearables
- Smart Speakers
- Industrial/Production
- Medical Devices

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[Spring Finger Quick Reference Guide](#)

[White Paper: Broad Spring Finger Portfolio and Scalability](#)

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