INTRODUCING

POWER KEY 5.0 SURFACE MOUNT TECHNOLOGY CONNECTOR

- **Designed for automated assembly**
- **Color & keying to prevent mis-mating**
- **Compact PCB system**



TE's new power key 5.0 SMT connectors offer an efficient solution for manufacturers using automated assembly to build compact PCB systems. The surface mount technology (SMT) header supports automated pick-and-place assembly processes, while the low mating height (21mm) allows for design flexibility. All power key 5.0 SMT headers support PCB potting for water exposed applications and are available in multiple color and keying options to help prevent mis-mating. An optional terminal position assurance (TPA) device is available for 4 & 6 position versions to provide greater contact reliability.

TARGET MARKETS

- Appliances
- Industrial
- Data and devices
- Building equipment

APPLICATIONS

- Air-conditioner
- Washing Machine
- HVAC
- Elevators
- Machines
- Control units
- Monitoring system
- Security system

DESIGN-IN QUESTIONS

- Do you currently or do you plan to produce compact PCB systems using automated assembly?
- What are the current and voltage requirements of your application?
- What are the flammability requirements for your application?
- Would you benefit from poka-yoke features to support easier and more efficient assembly?

KEY BENEFITS

Supports Automated Assembly

- Power key 5.0 SMT connectors support automated pick-and-place processes for efficient PCB assembly

Compact Design

- 21mm low mating height and recessed SMT pin design allow design flexibility in compact PCB systems. Gap in housing allows easy inspection of pin soldering.

Supports Wet Applications

- All power key SMT headers are designed to accommodate potted PCB designs

Poka-Yoke Features

- SMT connectors are available in various colors and keys to help identify different configurations and prevent mis-mating.

LEARN MORE

- Landing Page
- Product Flyer

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