

TE CONNECTIVITY'S EEPROM EMBEDDED SMART CONNECTOR

INTEGRATED INTELLIGENT CONNECTOR HELPING ENABLE SMARTER AND MORE EFFICIENT PLATFORMS

TE Connectivity (TE)'s latest EEPROM embedded smart connector integrates memory intelligence directly into the connector, providing a compact, reliable, and cost-efficient solution. It supports streamlined production by helping enable automatic model recognition and reducing manual setup steps. It also assists in managing growing model variation while helping enable the storage and retrieval of operating and user-related data. With its integrated design, it contributes to lower design complexity, reducing inventory variation and overall system cost.

Paired with TE's highly versatile Economy Power 2.5 connector, it helps enable manufacturers to support multiple applications with greater flexibility. Designed for long term durability and easy replacement, the connector mounts directly onto the main PCB for improved robustness and quick component switch.

At the same time, the embedded chip helps allow to store and retrieve operating data and user personal information in local without a separate memory board. This not only saves valuable PCB space but also supports fast service diagnostics.

ELECTRICAL

- Active range(mA): Read 0.3
Write 0.5
- Input voltage(V): 3-4.5
- EEPROM chip memory(Kbit): 1
- Write endurance(cycles): 1,000,000

MATERIALS

- Operating temperature (°C):
-25 to +85
- Contact: Copper alloy

ADDITIONAL INFORMATION

- Product Specification: [2350948-1](#)
- Application Specification: [114-143144](#)

KEY FEATURES

- Helps streamline production by supporting automatic model recognition and helping reduce manual setup steps through the integrated chip.
- Simplifies engineering and operations by supporting lower design complexity, while helping reduce inventory variation, and overall system cost.
- Compatible with TE's highly versatile Economy Power 2.5 connector, giving manufacturers the flexibility to support multiple applications across one platform.
- Built for long-term durability with PCB space enhancement, mounting directly onto the PCB to help improve vibration resistance while supporting quick component replacement
- Embedded memory chip contributes to help enable local storage and more secure migration of personality settings and operating data—without needing a separate memory board
- Helps enhance maintenance troubleshooting efficiency, as technicians can quickly access stored data for faster, more accurate repairs.

APPLICATIONS



Consumer Electronics



Medical Products



Connectors and Cable Assemblies



Batteries



Industrial and consumer attachments

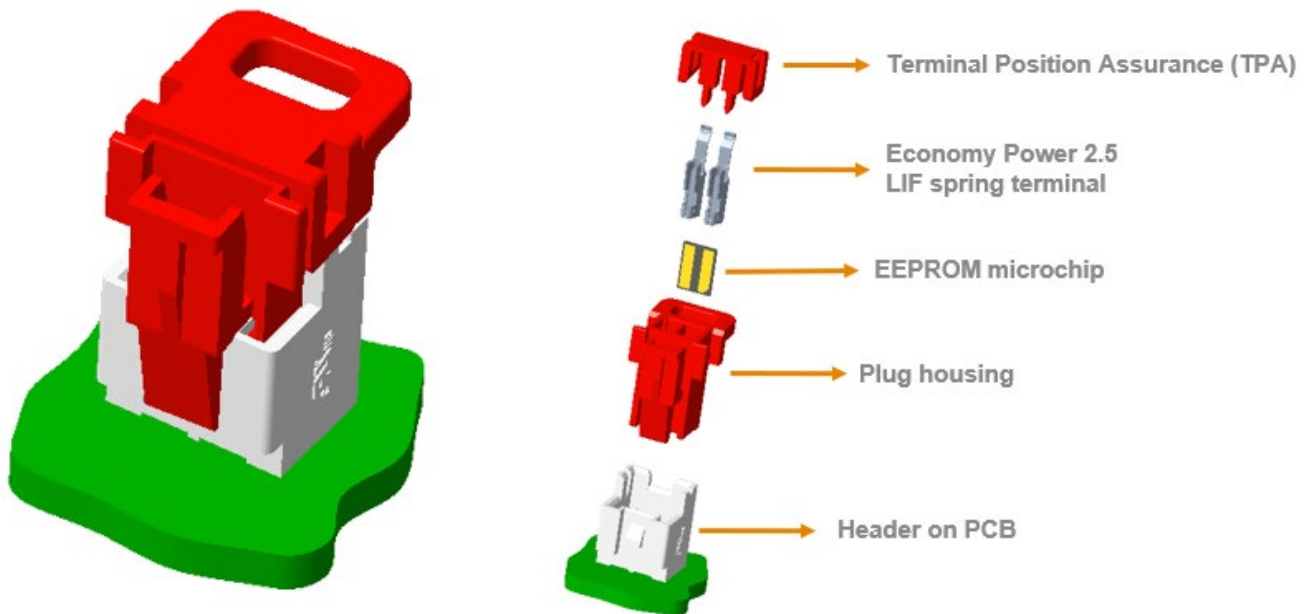


Appliances

PLUG HOUSING

Part Number	Description
2350948-1	Plug Assembly, EEPROM Economy Power 2.5

TE Connectivity's EEPROM Embedded Smart Connector



EEPROM assembly PN 2350948-1

Connect With Us

We make it easy to connect with our experts and are ready to provide all the support you need. Visit te.com/support to chat with a Product Information Specialist.

te.com/economy-power-2-5-connectors

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