

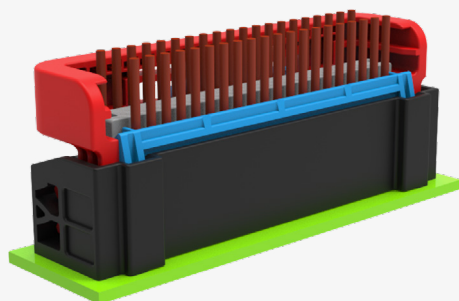
FLIP-N-LOK WIRE-TO-BOARD SIGNAL CONNECTOR

HIGH-DENSITY SIGNAL SOLUTION WITH LEVER DESIGN TO MAXIMIZE PRINTED CIRCUIT BOARD (PCB) SPACE, IMPROVE ERGONOMICS, AND HELP ENSURE RELIABLE CONNECTIONS

TE Connectivity (TE) introduces a high-density wire-to-board solution designed to free up PCB space and enhance overall assembly efficiency and ergonomics.

The new FLIP-N-LOK connector is a high-density, multi-load solution that can replace multiple signal headers with a single high-density header—freeing up board space, enabling a cleaner layout, and reducing assembly takt times.

Its advanced lever design improves ergonomics by helping reduce mating force and also functions as a secure locking mechanism. To help prevent incorrect terminal insertion, the housing features built-in error-resistance elements.



ELECTRICAL

- Rated Current (max): 2.8 A
- Rated Voltage (max) : 50 VDC
- Wire size: 22-24 AWG

MECHANICAL

- Centerline (mm): 2.5
- Mating force (max): 45 N
- Mating / Unmating cycles (max): 10

MATERIALS

- Operating Temp: -30°C to +105°C
- Materials:
- Contact: Copper alloy
- Connectors & lever: UL 94 V-0
- Terminal Position Assurance (TPA): UL 94 V-2

SPECIFICATIONS

- EIA 364
- Product Specification: [108-160822](#)
- Application Specification: [114-106077](#)
- Instruction Sheet: [408-160088](#)

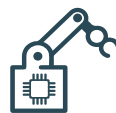
KEY FEATURES

- Modular high-density connector
- Lever locking mechanism that helps improve ergonomics
- Polarization feature on housing
- Terminal keying for error minimizing assembly
- Mates to standard 1.57mm thick PCB
- Suitable for wave-soldering process, (Peak temp range: 255°C to 270°C Duration: 2-5 Sec)

APPLICATIONS



Major Home Appliances



Automation and Control



HVAC Control Systems



Battery Management System



Industrial Machinery



Medical Devices

FLIP-N-LOK WIRE-TO-BOARD SIGNAL CONNECTOR

HEADERS & PLUGS

Pos	Color	Header P/N	Plug P/N
20	Natural	2395225-2	2395224-2
20	Blue	2395225-3	2395224-3
40	Natural	2395225-1	2395224-1

TPA

Pos	Color	TPA P/N
20	Black	2395226-2
40	Black	2395226-1

CONTACT

Wire Range (AWG)	Description	Contact P/N	Ocean Applicator
22-28	Receptacle Contact	2232557-2	2836559-2

FOR MORE INFORMATION

ASK OUR EXPERT ▶

te.com/flip-n-lok-wire-to-board-signal-connector

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