

Multi-Position Mounted FASTIN-FASTON Housings

TE Connectivity (TE) introduces three-position housings on 7mm centerline for use with 250 series FASTIN-FASTON terminals. The multi-position mounted FASTIN-FASTON housings (MMF) are designed to improve ergonomics for workers. The housings have larger pressing surfaces, rounded edges and snag-free features. Unlike some competitive housings, the new TE housings meet customer demands for both UL 94 V-0 and GWT 750°C, no flame requirements. They are used on air conditioners and similar applications. The three-position housings speed up the assembly process, permitting three simultaneous connections, rather than three individual connections.

KEY FEATURES AND BENEFITS

- Meets GWT 750°C, no flame and UL 94 V-0
- Free hanging configuration
- Three positions on 7 mm centerline
- Housings accept crimp-type 250 series FASTIN-FASTON tabs and FASTON receptacles
- Tabs and receptacles accept 20-12 AWG wire
- Improve ergonomics for assembly workers
- Allows three connections to be made at once, potentially speeding up this step of assembly

APPLICATIONS

- Air Conditioners
- Other equipment requiring wire-to-wire power connections

BASIC PRODUCT DETAILS FOR ACCEPTABLE TERMINALS

- Plug housing (P/N 2297440-3) accepts 250 series (6.33 mm) FASTON crimp-type receptacles) P/N 170032-* or 170258-*) on wire
- Cap housing (P/N 2297438-3) accepts 250 series (6 x 0.88 mm) FASTIN-FASTON crimp-type tabs (P/N 170340-* or 170341-*) on wire

DESIGN-IN QUESTIONS:

1. Would you like to simplify your assembly process by allowing workers to make three connections at once?
2. Do you need a connector meeting the Glow Wire test requirements?
3. Would you like a latching connector with features to prevent the latch from snagging wires?
4. Do you need a connector capable of handling power level loads?

If the answers are “yes”, the new multi-position mounted FASTIN-FASTON housing could represent a great solution for the application.

Multi-Position Mounted FASTIN-FASTON Housings

Quick Reference Guide

MMF HOUSINGS, THREE POSITIONS

| Part Number | Description |
|-------------|---------------------------------|
| 2297440-3 | MMF, Free Hanging, Plug Housing |
| 2297438-3 | MMF, Free Hanging, Cap Housing |

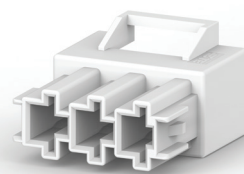
TERMINALS FOR USE WITH MMF PLUG HOUSING

| Part Number | Description |
|-------------|---------------------------------|
| 170032-* | 250 FASTON Receptacle, 20-14AWG |
| 170258-* | 250 FASTON Receptacle, 14-12AWG |

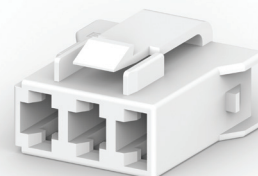
TERMINALS FOR USE WITH MMF CAP HOUSING

| Part Number | Description |
|-------------|---------------------------------|
| 170340-* | 250 FASTIN-FASTON Tab, 20-14AWG |
| 170341-* | 250 FASTIN-FASTON Tab, 14-12AWG |

NOTE: Asterisk (*) in part numbers above denotes a suffix that varies depending upon options chosen.



2297438-3 Cap Housing



2297440-3 Plug Housing

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