



## General Information

|                          |                                                                                                                                                                                                                           |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Kit Part Number:</b>  | <a href="#">7-2110838-2</a>                                                                                                                                                                                               |
| <b>Description:</b>      | Ultra-Fast Fully Insulated FASTON Receptacles and Tabs Kit                                                                                                                                                                |
| <b>Application:</b>      | Appliance Industries, Commercial and Building Equipment, HVAC Systems, Industrial Controls, Industrial Machines, Instrumentation and Controls, Lighting Applications, Medical Equipment, Motors, Security, Test Equipment |
| <b>Family:</b>           | FASTON                                                                                                                                                                                                                    |
| <b>TE Brand:</b>         | AMP Products                                                                                                                                                                                                              |
| <b>Solution:</b>         | MRO (Maintenance, Repair and Operation)                                                                                                                                                                                   |
| <b>Product Type:</b>     | Terminals & Splices                                                                                                                                                                                                       |
| <b>Number of Pieces:</b> | 120                                                                                                                                                                                                                       |
| <b>RoHS:</b>             | Yes                                                                                                                                                                                                                       |

## Specifications

|                             |                                          |
|-----------------------------|------------------------------------------|
| <b>Body and Plating:</b>    | Tin Plated, Brass                        |
| <b>Flammability Rating:</b> | UL94V-2                                  |
| <b>Insulation:</b>          | Nylon Fully Insulated                    |
| <b>Product/Type:</b>        | Ultra-Fast Tab, Ultra-Fast Receptacle    |
| <b>Series:</b>              | 187                                      |
| <b>Stud/Tab Size:</b>       | Mating Tab Size, .020x.187               |
| <b>Temperature Rating:</b>  | 105 Degrees C (Max)                      |
| <b>Terminal Type:</b>       | Ultra-Fast Receptacles & Ultra-Fast Tabs |
| <b>Tool Included:</b>       | No                                       |
| <b>Voltage Rating:</b>      | 600 Volts AC (Max.)                      |
| <b>Wire Gauge (AWG):</b>    | 22-18                                    |

## Product Highlights

The Ultra-Fast Fully Insulated FASTON Receptacle and Tab offers the advantage of a completely protected terminal and a wire crimp with comparable electromechanical performance to open barrel "F" crimp FASTON Terminals. The "User-Friendly" design combines easy mating with rounded corners. Ultra-Fast Fully Insulated FASTON Receptacles, Flag Receptacles and Tabs preclude the need for costly electrical safety interlocks or special protective shields to help prevent shock hazards. In addition, electrical short circuits from exposed leads are eliminated, even in equipment requiring close contact spacing

### Features and Benefits

- The Ultra-Fast FASTON Receptacle housing completely encloses a tinplated copper alloy Premier FASTON receptacle which has been stress-relieved for increased durability and resistance to abuse
- The FASTON receptacle is recessed sufficiently within the housing to allow its use in 600-volt applications
- The receptacle portion of the terminal is designed for positive mating with a variety of tabs, including those with shoulders
- The housing has a slotted membrane which is displaced by two tab shoulders allowing proper engagement of tab and receptacle while maintaining the fully insulated characteristic

### Applications

- Commercial & Building Equipment
- HVAC
- Lighting



- Security
- Appliance
- Industrial machinery & process control equipment
- Motors
- Instrumentation equipment
- Test
- Measurement
- Medical



## Bill of Materials

| Part No.                   | Qty<br>In Kit | Description                                          | Datasheet                 | P/N<br>Details          | Search Distributors<br>Inventory |
|----------------------------|---------------|------------------------------------------------------|---------------------------|-------------------------|----------------------------------|
| <a href="#">2-521105-2</a> | 20            | Ultra-Fast Tab, AWG 22-18 Series .032 X .187         | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>           |
| <a href="#">2-521103-2</a> | 40            | Ultra-Fast Tab, AWG 22-18 Series .020 X .187         | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>           |
| <a href="#">2-520262-2</a> | 20            | Ultra-Fast Receptacle AWG 22-18 Series .020 X .187   | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>           |
| <a href="#">2-520194-2</a> | 20            | Ultra-Fast Receptacle AWG 22-18 Series .032 X .187   | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>           |
| <a href="#">2-520182-2</a> | 20            | Ultra-Fast Receptacle, AWG 22-18, Series .020 X .187 | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>           |

## Recommended Tool

| Part No.                | Included in Kit |
|-------------------------|-----------------|
| <a href="#">58628-1</a> | No              |





