



General Information

Kit Part Number:	7-2110838-5
Description:	Fully Insulated FASTON Ultra Fast Receptacles and Tabs Kit
Application:	Appliance Industries, HVAC Systems, Industrial Controls, Industrial Machines, Instrumentation and Controls, Lighting Applications, Medical Equipment, Motors, Security, Test Equipment
Family:	FASTON
TE Brand:	AMP Products
Solution:	MRO (Maintenance, Repair and Operation)
Product Type:	Terminals & Splices
Number of Pieces:	140
RoHS:	Yes

Specifications

Body and Plating:	Tin Plated, Brass
Flammability Rating:	UL94V-2
Insulation:	Nylon Fully Insulated
Product/Type:	Ultra-Fast Tab
Series:	187, 250
Stud/Tab Size:	Mating Tab Size, .020x.187, .032x.250, .032x.187
Temperature Rating:	105 Degrees C (Max)
Terminal Type:	Ultra-Fast Receptacles & Ultra-Fast Tabs
Tool Included:	No
Voltage Rating:	600 Volts AC (Max.)
Wire Gauge (AWG):	12-10, 16-14 , 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 In Kit	Description	Datasheet	P/N Details	Search Distributors Inventory
3-520107-2	20	Ultra-Fast Tab, AWG 16-14, Series .032 X 250	Datasheet	Details	Search
2-521105-2	20	Ultra-Fast Tab, AWG 22-18 Series .032 X .187	Datasheet	Details	Search
2-520103-2	20	Ultra-Fast Tab, AWG 22-18, Series .032 X 250	Datasheet	Details	Search
3-521191-2	20	Ultra-Fast Tab, AWG 16-14, Series .032 X 250	Datasheet	Details	Search
2-521103-2	20	Ultra-Fast Tab, AWG 22-18 Series .020 X .187	Datasheet	Details	Search
2-521192-2	20	Ultra-Fast Tab, AWG 22-18, Series .032 X 250	Datasheet	Details	Search
4-521098-2	20	Ultra- Fast Tab, .250 Series 12-10 AWG	Datasheet	Details	Search

Recommended Tool

Part No.	Included in Kit
58628-1	No





Terminal and Splices Category

Kit Part No. 7-2110838-5

BILL OF MATERIALS

Download this kit please go to www.products.tyco.com/kit/7-2110838-5

Kit Description: Amp Fasten Connector Kit

Part No.	Qty	Part Description
2110838-5	1	AMP FASTEN CONNECTOR KIT
2110838-5	1	AMP FASTEN CONNECTOR KIT
2110838-5	1	AMP FASTEN CONNECTOR KIT
2110838-5	1	AMP FASTEN CONNECTOR KIT
2110838-5	1	AMP FASTEN CONNECTOR KIT



Bin Diagram
This depicts 10 bins

1. Recommended Strip Tool Frame 50070-1 and Die Set 50067-1 (Not Included)
 2. Recommended Strip Tool Frame 50070-2 and Die Set 50067-2 (Not Included)
 3. Recommended Strip Tool Frame 50070-3 and Die Set 50067-3 (Not Included) (Not Included)
 Additional information go to www.products.tyco.com or contact a TE Connectivity authorized distributor

Assembly Master Drawing is by Link

