



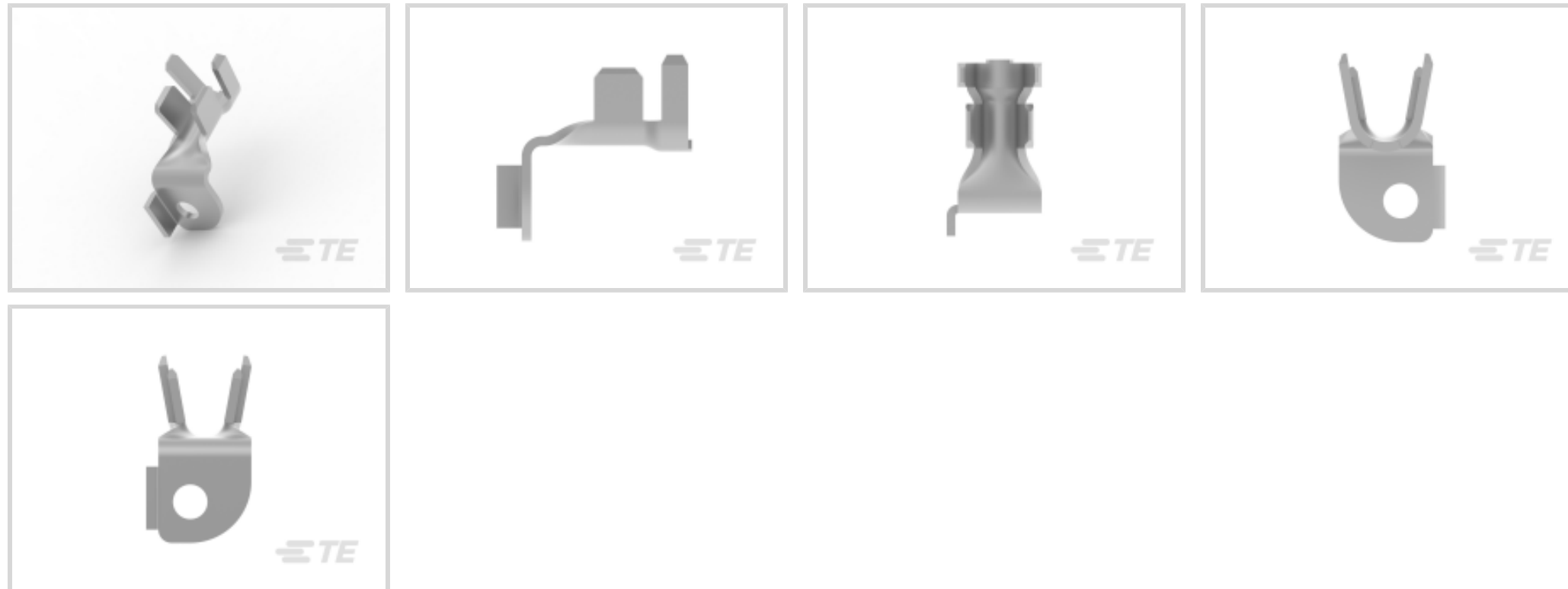
Modular Hard Wired Fuse and Relay Box

TE Internal #: 1989860-2

Busbars & Terminals, 25 – 35 mm² Wire Size, 3 – 1 AWG Wire Size, 125 A, 10G, Crimp, Wire & Cable, Power, Modular Hard Wired Fuse and Relay Box

[View on TE.com >](#)

Connectors > Automotive Connectors > Power Distribution Boxes > Busbars & Terminals



Mating Tab Thickness: 1.8 mm [.07 in]

Wire Size Search: 2 AWG, 3 AWG

Wire Size: 3 – 1 AWG

Features

Product Type Features

Sealable	No
Primary Locking Feature	Clean Body
Connector & Contact Terminates To	Wire & Cable

Electrical Characteristics

Number of Common Outputs	1
Operating Voltage	12 V
Nominal Voltage Architecture	12 V

Contact Features

Interface Plating	Tin (Sn)
Mating Tab Thickness	1.8 mm [.07 in]
Typical Current Rating	125 A
Contact Current Rating (Max)	120 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment



Connector Mounting Type	Cable Mount (Free-Hanging)
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Dimensions

Wire Size Search	2 AWG, 3 AWG
Wire Size	3 – 1 AWG
Accepts Wire Insulation Diameter Range	8.5 – 11.5 mm [.33 – .45 in]

Usage Conditions

Operating Temperature (Max)	80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C [176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F]
Operating Temperature Range	-40 – 105 °C [-40 – 221 °F]

Operation/Application

Vibration Class Level	10G
Circuit Application	Power

Other

Terminal Transmits	100+ A (Very High Power)
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part

numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Also in the Series | Modular Hard Wired Fuse and Relay Box



Automotive Housings(1)



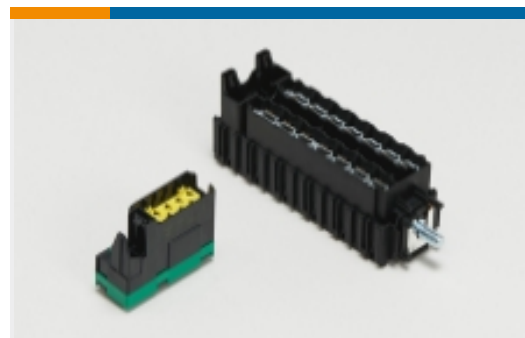
Battery Distribution Units(6)



Busbars & Terminals(5)



Hard Wired Box Accessories(11)



Hard Wired Boxes with Busbars(3)



Insertion & Extraction Tools(3)



Module Components(9)



Other Hard Wired Boxes(6)

Customers Also Bought



TE Part #1-1743632-2
HYB SLD 36P PLUG ASSY



TE Part #2005088-1
TH/.025 CONNECTOR SYSTEM,
HOUSING



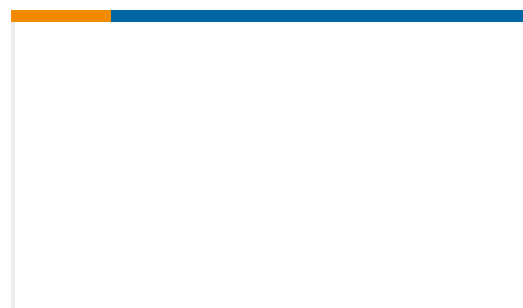
TE Part #936154-2
090III 22P CAP ASSY BLACK



TE Part #006977P006
FL2500-NO.0-I7-0-27MM



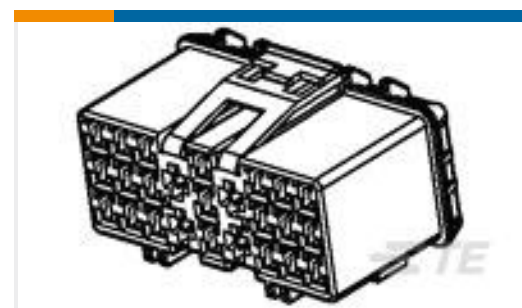
TE Part #926845P006
FL2500-NO.3-J1-0-27MM



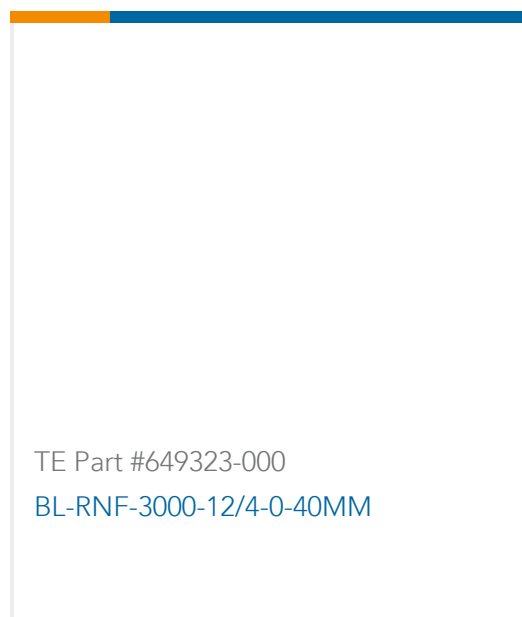
TE Part #2819151-3
RING TONGUE TRMNL,M8



TE Part #2338464-3
COAX CABLE ASSY GMI700,
E23009800



TE Part #936369-1
090/JPT 25P PLUG ASSY(D.T.B)



Documents

Product Drawings

[RING TONGUE 90 DEGREE 35MM2](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1989860-2_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1989860-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1989860-2_A.3d_stp.zip](#)

English

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