

213500-3 ✓ ACTIVE

AMP | AMP Metrimate

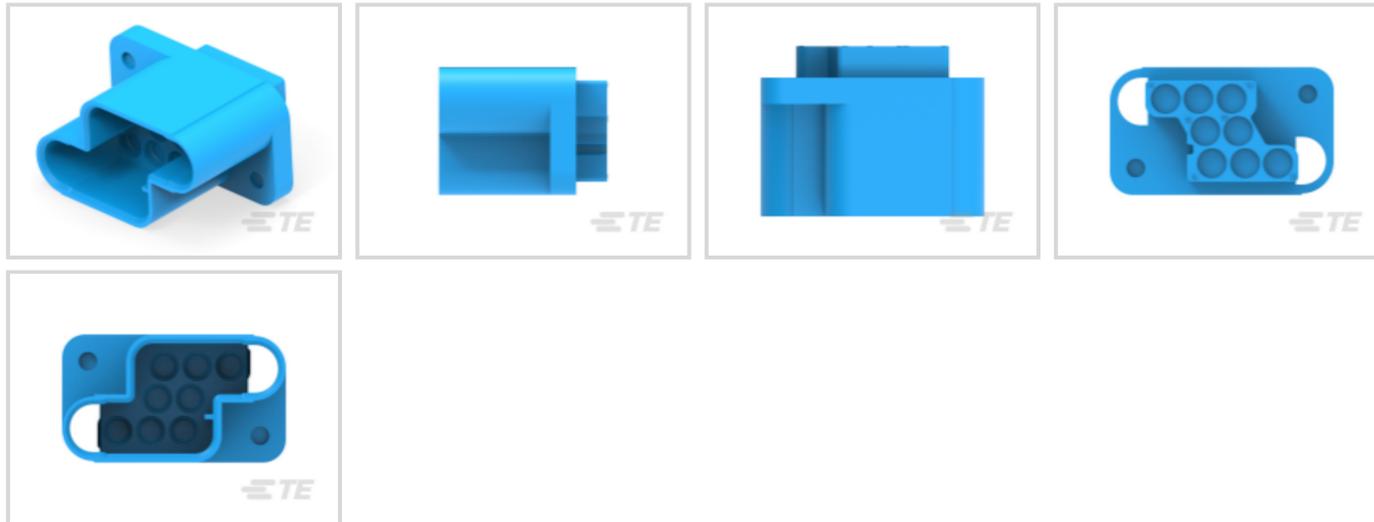
TE Internal #: 213500-3

Rectangular Connector Housings, Wire-to-Panel / Wire-to-Wire, 8 Position, .315 in [8 mm] Centerline, 3 Row, Polyester GF, Receptacle, AMP Metrimate

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Connectors > Rectangular Connectors > Rectangular Connector Housings



Connector System: **Wire-to-Panel, Wire-to-Wire**

Number of Positions: **8**

Centerline (Pitch): **8 mm [.315 in]**

Row-to-Row Spacing: **7.77 mm [.306 in]**

Number of Rows: **3**

Features

Product Type Features

| | |
|--------------------------|-----------------------------|
| Connector System | Wire-to-Panel, Wire-to-Wire |
| Connector & Housing Type | Receptacle |
| Sealable | No |
| Connector Type | Housing |
| Product Type | Connector |
| Wire/Cable Type | Discrete Wire |
| Wire Type | Stranded |

Configuration Features

| | |
|---------------------|---|
| Number of Positions | 8 |
| Number of Rows | 3 |

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 600 VDC |
|-------------------|---------|

Contact Features

| | |
|--------------|-----|
| Contact Type | Pin |
|--------------|-----|



| | |
|------------------------------|------|
| Contact Current Rating (Max) | 55 A |
|------------------------------|------|

Mechanical Attachment

| | |
|--------------------------|-------------|
| Panel Mount Feature | With |
| Panel Mount Feature Type | Screw Mount |
| Connector Mounting Type | Panel Mount |

Housing Features

| | |
|--------------------|----------------|
| Centerline (Pitch) | 8 mm [.315 in] |
| Housing Material | Polyester GF |
| Housing Color | Blue |

Dimensions

| | |
|--------------------|-----------------------------|
| Row-to-Row Spacing | 7.77 mm [.306 in] |
| Height | 30.78 mm |
| Length | 56.26 mm |
| Width | 54.61 mm |
| Panel Thickness | .031 – .091 in, .8 – 2.3 mm |

Usage Conditions

| | |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -55 – 130 °C [-67 – 266 °F] |
|-----------------------------|-----------------------------|

Operation/Application

| | |
|---------------------|--------------|
| Circuit Application | Power |
| For Use With | Plug Housing |

Industry Standards

| | |
|------------------------|-----------------------|
| CSA Rating | LR 16455 |
| Agency/Standard | CSA, UL, VDE |
| CSA File Number | LR16455 |
| VDE Tested | Yes |
| UL File Number | E28476 |
| UL Flammability Rating | UL 94V-0 |
| UL Rating | Certified, Recognized |

Packaging Features

| | |
|--------------------|---------|
| Packaging Quantity | 1 |
| Packaging Method | Package |



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 2021 (211) Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Wave solder capable to 265°C |

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>

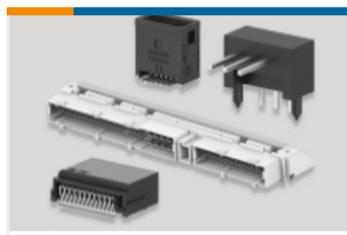
Compatible Parts



Also in the Series | [AMP Metrimate](#)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(83)



Rectangular Boots & Strain Relief(5)



Rectangular Connector Hardware(3)



Rectangular Connector Housings(35)



Rectangular Connector Keying Plugs(1)



Rectangular Contact Inserts(4)



Rectangular Power Connectors(2)



Standard Rectangular Connectors(5)

Documents

Product Drawings

[RECPT HSG,8 POWER,METRIMATE](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_213500-3_R.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_213500-3_R.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_213500-3_R.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

Power Contacts

English

METRIMATE_PIN_SOCKET_CATALOG

English

Product Specifications

Product Specification

English

Connector, Metrimate Power Drawer With Powerband Contacts

English

Agency Approvals

Agency Approval Document

English