

1766685-1 ✓ ACTIVE

MINI CROWN EDGE | AMP-METRIMATE

TE Internal #: 1766685-1

Card Edge Power Connectors, Board-to-Board, 6 Position, .354 in [9 mm] Centerline, Printed Circuit Board, Power, 6 Power Positions, AMP-METRIMATE

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Connectors > PCB Connectors > Card Edge Connectors > Card Edge Power Connectors



Connector System: **Board-to-Board**

Number of Positions: **6**

Centerline (Pitch): **9 mm [.354 in]**

Connector & Contact Terminates To: **Printed Circuit Board**

Contact Current Rating (Max): **.25 A**

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| Connector System | Board-to-Board |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

| | |
|----------------------------|---|
| Number of Positions | 6 |
| Number of Power Positions | 6 |
| Number of Signal Positions | 0 |
| Number of Dual Positions | 3 |

Electrical Characteristics

| | |
|-------------------|-------|
| Operating Voltage | 250 V |
|-------------------|-------|

Contact Features

| | |
|--|--|
| Contact Mating Area Plating Material Thickness | .76 μm [30 μin] |
| Contact Current Rating (Max) | .25 A |
| Contact Mating Area Plating Material | Gold |

Termination Features

| | |
|---|-----------------------|
| Termination Method to Printed Circuit Board | Through Hole - Solder |
|---|-----------------------|

Mechanical Attachment

| | |
|-------------------------|-------------|
| Connector Mounting Type | Board Mount |
|-------------------------|-------------|



Housing Features

| | |
|--------------------|----------------|
| Centerline (Pitch) | 9 mm [.354 in] |
|--------------------|----------------|

Dimensions

| | |
|--------------------------|----------------|
| Power Contact Centerline | 9 mm [.354 in] |
|--------------------------|----------------|

Usage Conditions

| | |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -55 – 105 °C [-67 – 221 °F] |
|-----------------------------|-----------------------------|

Operation/Application

| | |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

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: JUNE 2022 (224) 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 |

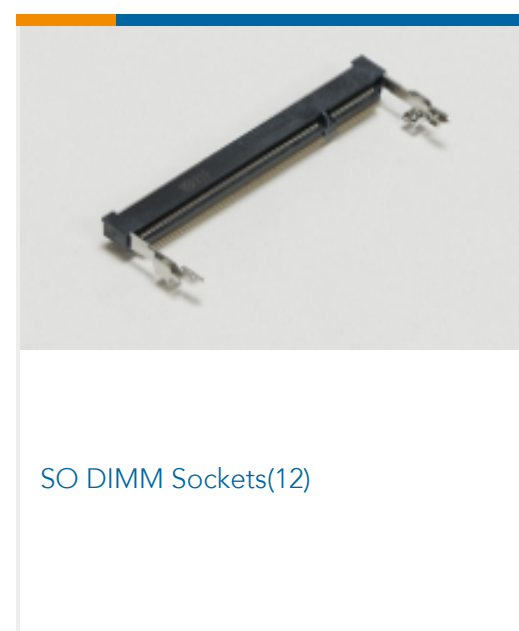
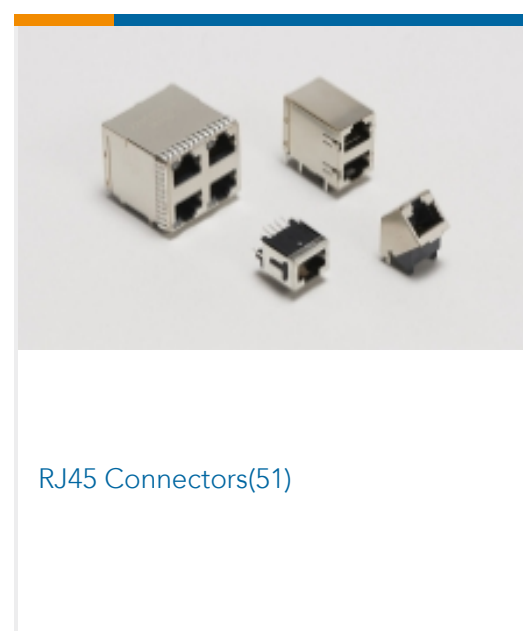
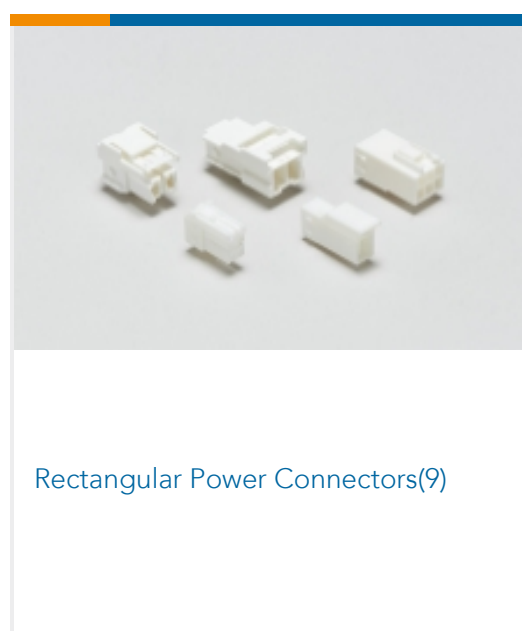
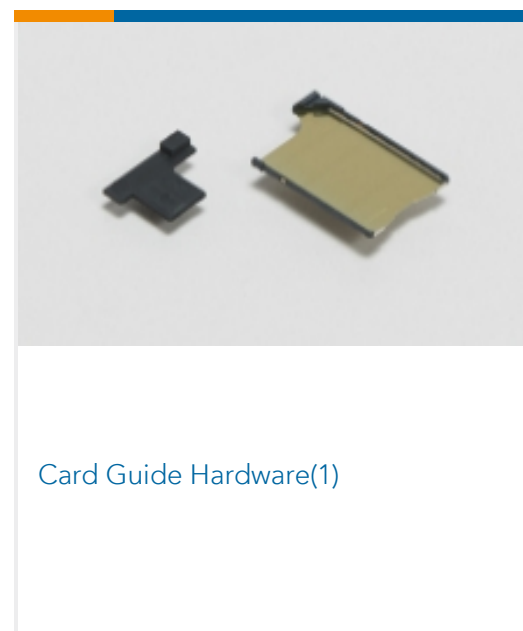
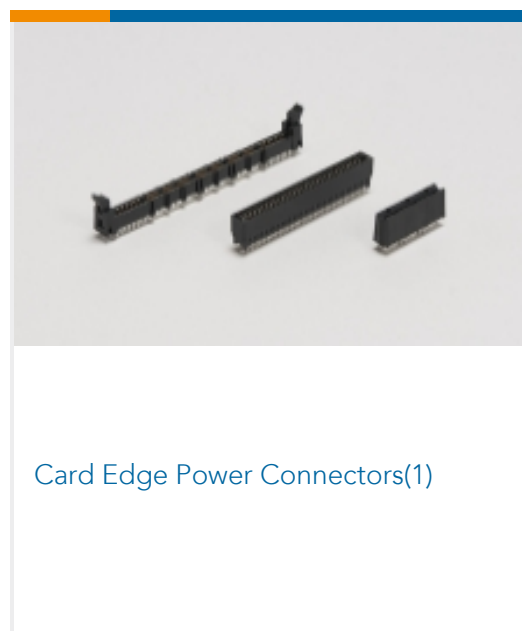
Product Compliance Disclaimer

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



Documents

Product Drawings

CONN,SKT,LONG SLDR,MC-P3S0

English

CAD Files

Customer View Model

ENG_CVM_CVM_1766685-1_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1766685-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1766685-1_B.3d_stp.zip

English

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By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[POWER_CONNECTORS_CATALOG_SEC04_VRM](#)

English