

213809-7 ✓ ACTIVE

AMP | AMP-METRIMATE

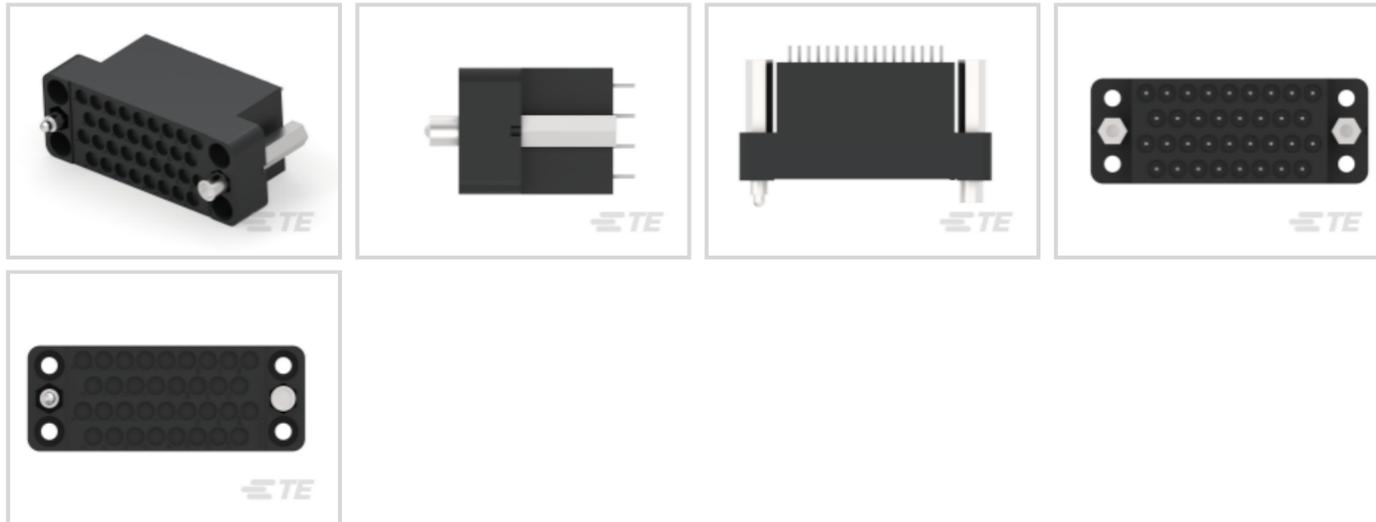
TE Internal #: 213809-7

Rectangular Power Connectors, Connector Assembly, Receptacle, Cable-to-Board, 34 Position, 3.81 mm [.15 in] Centerline, AMP-METRIMATE

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **34**

Centerline (Pitch): **3.81 mm [.15 in]**

Features

Product Type Features

Rectangular Power Connector Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	34
PCB Mount Orientation	Vertical
Number of Power Positions	34
Number of Signal Positions	34
Number of Rows	4

Electrical Characteristics

Operating Voltage	250 VDC
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Contact Features



Contact Current Rating (Max)	13 A
Contact Retention Within Housing	With
Contact Type	Socket
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.76 μm [.3 μin]
Contact Termination Area Plating Thickness	2.54 μm [100 μin]

Termination Features

Termination Post & Tail Length	1.4 mm[.055 in]
Termination Method to Wire & Cable	Solder
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Strain Relief	Without
Mating Alignment Type	Guide Hole
Mating Alignment	With
Contact Retention Type Within Housing	Locking Spring
Panel Mount Feature	Without
Screw & Hole Thread Size	6-32 UNC-2A, 6-32 UNC-2B
Connector Mounting Type	Board Mount
Mating Retention	With
Mating Retention Type	Jackscrews - Fixed

Housing Features

Centerline (Pitch)	3.81 mm[.15 in]
Housing Color	Black
Housing Material	Polyester GF

Dimensions

Row-to-Row Spacing	4.57 mm[.18 in]
Height	23.24 mm[.915 in]
Length	50.8 mm[2 in]
Width	19.05 mm[.75 in]

Usage Conditions

Operating Temperature Range	-55 – 130 $^{\circ}\text{C}$ [-67 – 266 $^{\circ}\text{F}$]
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Shielded	No
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Method	Box & Tray, Tray
Packaging Quantity	32

Other

For Use With	Standard Connectors
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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: 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

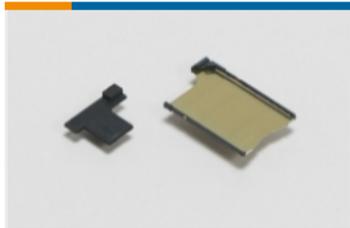
Product Compliance Disclaimer

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>

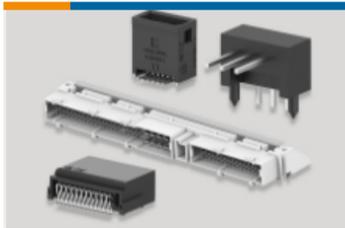
Also in the Series | AMP-METRIMATE



Card Edge Power Connectors(1)



Card Guide Hardware(1)



PCB Headers & Receptacles(3)



Rack & Panel Connectors(1)



Rectangular Power Connectors(9)



RJ45 Connectors(51)



SO DIMM Sockets(12)

Documents

Product Drawings

V.35,SKT ASY,VRT,34P,W/HDW LF

English

CAD Files

Customer View Model

[ENG_CVM_CVM_213809-7_J.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_213809-7_J.2d_dxf.zip](#)

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Customer View Model

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English

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Datasheets & Catalog Pages

[M_SERIES_PIN_AND_SOCKET_CONNECTORS](#)

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