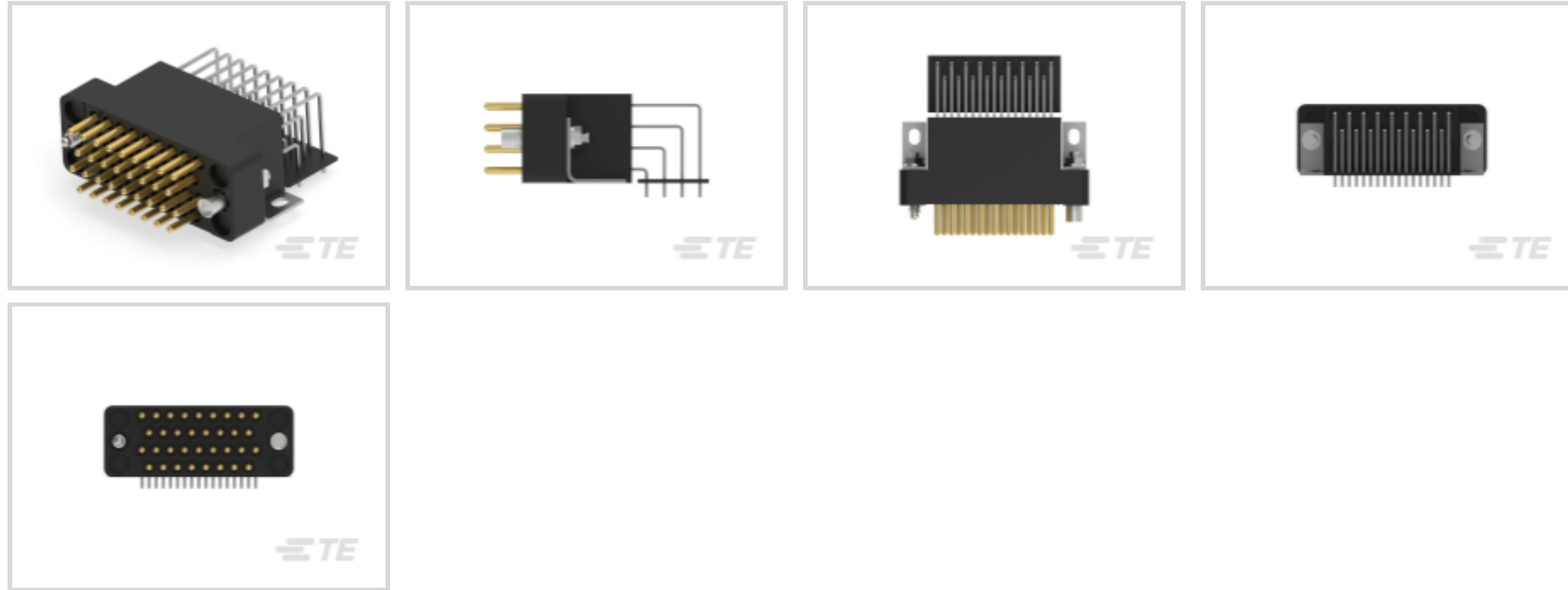




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Plug**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **34**

Number of Rows: **4**

Features

Product Type Features

Connector Shape	Rectangular
PCB Connector Type	PCB Mount Plug
Connector System	Cable-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Connector Product Type	Connector Assembly

Configuration Features

Number of Signal Positions	34
PCB Mount Orientation	Right Angle
Number of Positions	34
Number of Rows	4

Electrical Characteristics

Operating Voltage	250 VDC
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Body Features

Primary Product Color	Black
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Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 μm [50 μin]
Contact Mating Area Plating Material Thickness	.76 μm [30 μin]
PCB Contact Termination Area Plating Material Thickness	2.54 – 5.08 μm [100 – 200 μin]
Contact Layout	Matrix
Contact Base Material	Brass
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Pin
Contact Current Rating (Max)	13 A

Termination Features

Termination Post & Tail Length	3.05 mm[.12 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Panel Mount Feature	Without
Mating Retention Type	Jackscrew
Mating Retention	With
Mating Alignment Type	Guide Hole
PCB Mount Retention Type	Mounting Bracket
PCB Mount Retention	With
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Housing Material	Phenolic GF
Centerline (Pitch)	3.81 mm[.15 in]

Dimensions

Row-to-Row Spacing	4.57 mm[.18 in]
Connector Width	39.75 mm[1.565 in]



Connector Height	19.05 mm[.75 in]
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Connector Length	50.8 mm[2 in]
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Usage Conditions

Operating Temperature (Max)	150 °C[302 °F]
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Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]
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Operation/Application

Shielded	No
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Circuit Application	Signal
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Industry Standards

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

Packaging Quantity	12
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Packaging Method	Tray
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JUL 2021 (219) Does not contain REACH SVHC
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Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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Solder Process Capability	Wave solder capable to 265°C
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Product Compliance Disclaimer

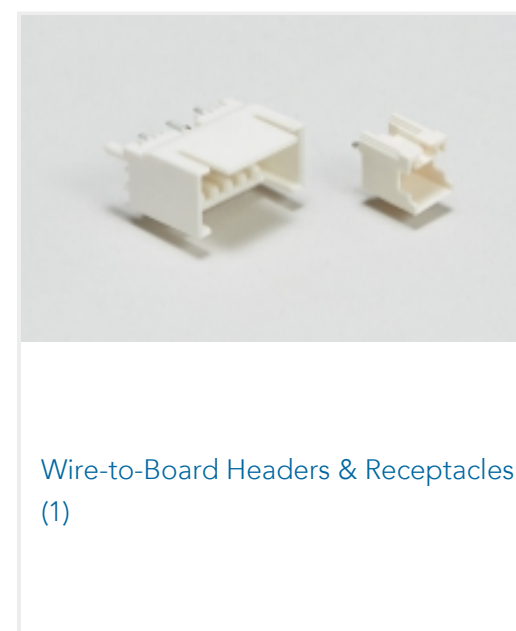
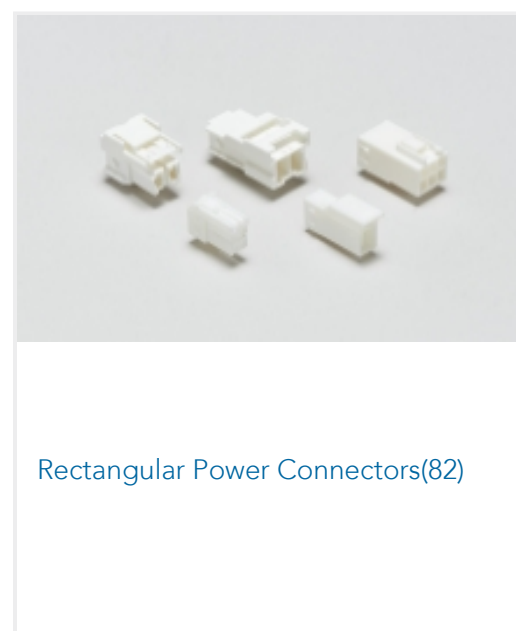
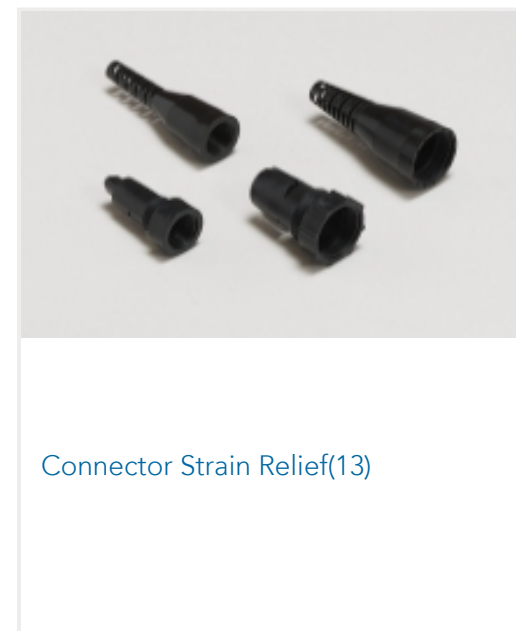
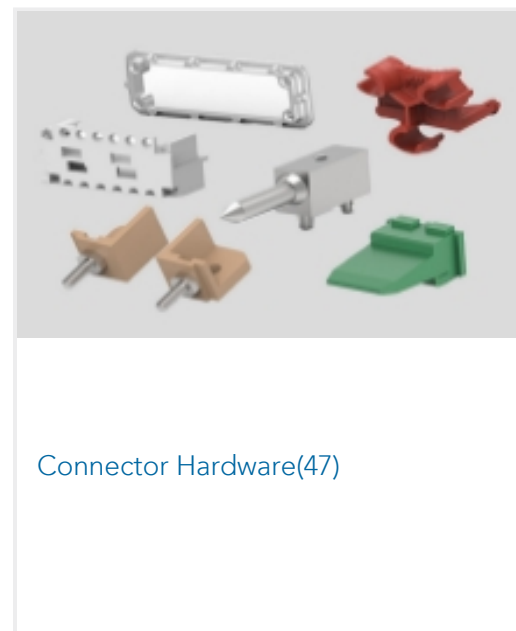
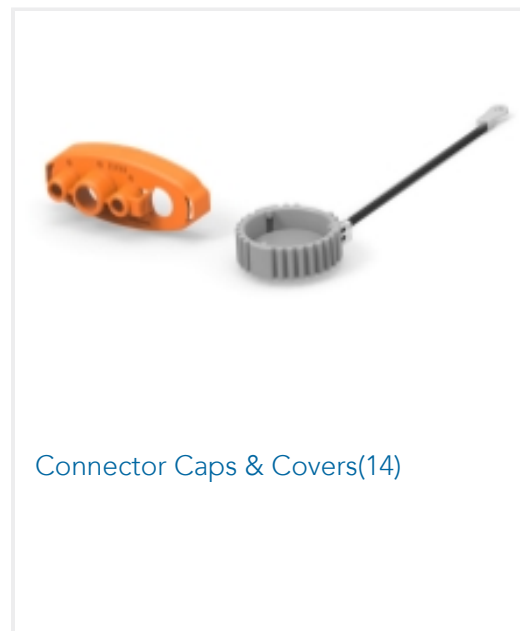
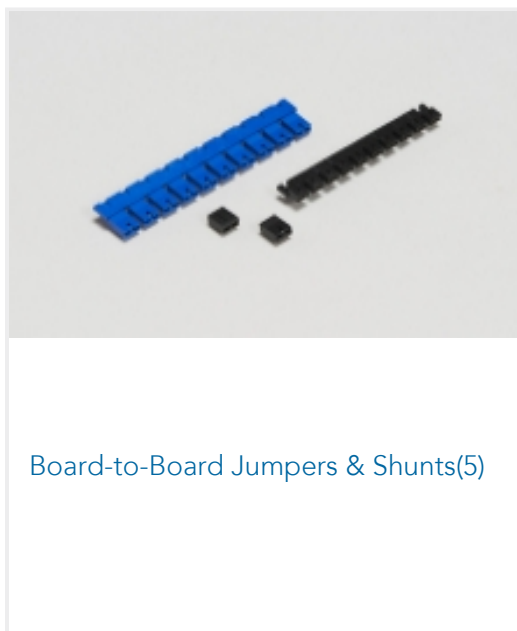
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 M Series



Customers Also Bought





Documents

Product Drawings

V.35,PIN ASY,RA,34P,W/BRKT LF

English

CAD Files

Customer View Model

[ENG_CVM_CVM_213289-2_R.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_213289-2_R.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_213289-2_R.3d_igs.zip](#)

English

3D PDF

3D

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

Datasheets & Catalog Pages

[M_SERIES_PIN_AND_SOCKET_CONNECTORS](#)

English

Product Specifications

[Connector, Series "M"](#)

English

[Product Specification](#)

English

213289-2

PCB Mount Plug, Right Angle, Cable-to-Board, 34 Position, 3.81 mm [.15 in]
Centerline, Fully Shrouded, Gold (Au), Through Hole - Solder, AMP M Series

