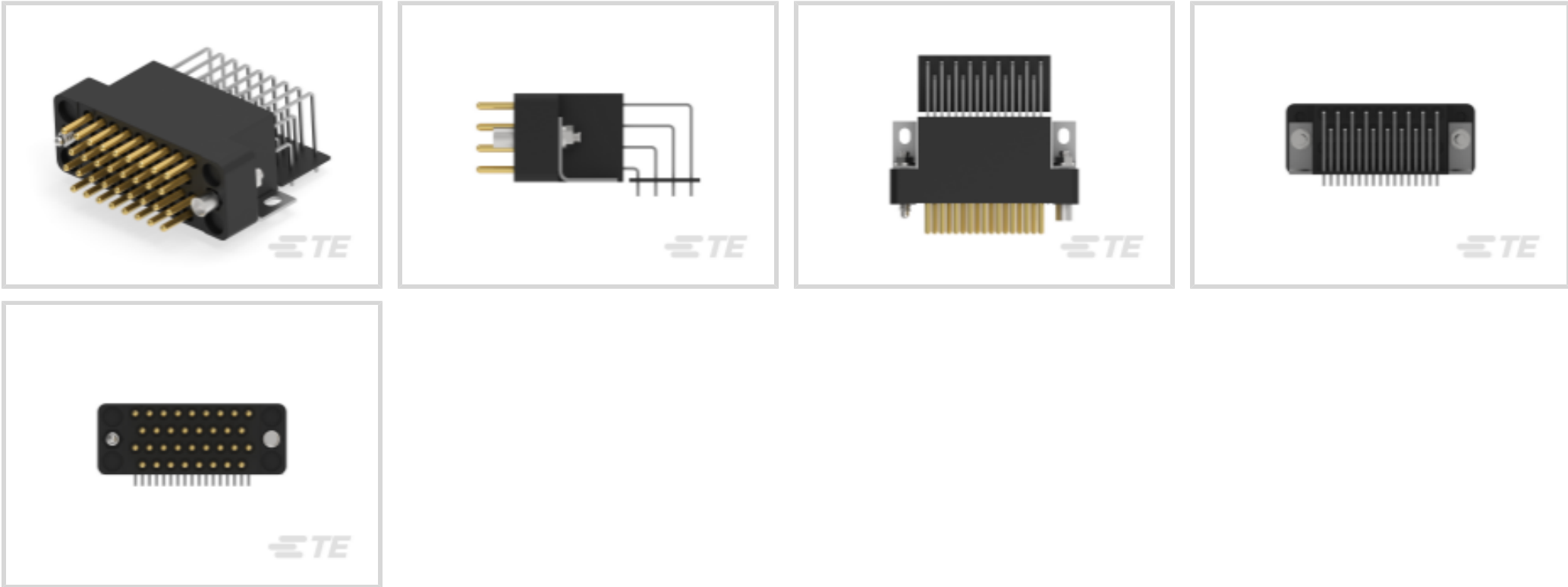




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Connector Assembly**

Connector & Housing Type: **Plug**

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

Number of Positions: **34**

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

Features

Product Type Features

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

Configuration Features

Number of Positions	34
PCB Mount Orientation	Right Angle
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 Mating Area Plating Material	Gold
Contact Current Rating (Max)	13 A
Contact Retention Within Housing	With
Contact Type	Pin
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.76 µm[.3 µin]

Termination Features

Termination Post & Tail Length	3.04 mm[.12 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 Retention	With
Mating Alignment	With
Contact Retention Type Within Housing	Locking Spring
Panel Mount Feature	Without
PCB Mount Retention	With
PCB Mount Retention Type	Mounting Bracket
Mating Retention Type	Jackscrew
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

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

Usage Conditions

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

Shielded	No
Circuit Application	Power & Signal

Industry Standards

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

Packaging Features

Packaging Quantity	12
Packaging Method	Box & Tray, Tray

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: JAN 2024 (240) Candidate List Declared Against: JUL 2021 (219) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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



TE Part # 2-212810-0
V.35,SKT ASY,RA,34P,W/BRKT

TE Part # 796521-2
V.35,PIN ASY,RA,34P LF

TE Part # 213522-1
M-SERIES KIT 34P V.35

Also in the Series | NECTOR M Series

Connector Hardware(6)

Plug & Socket Lighting Connector Accessories(1)

Rectangular Power Connectors(2)

Standard Circular Connectors(124)

Customers Also Bought

TE Part # 2176230-5
3522 1R8 5% 3W

TE Part # 5745394-2
HD-20 RCPT 9P RA 318 THD INS

TE Part # 1410187-3
MULTIGIG RT T2 7RW DC DF CT

TE Part # 3-5353652-6
.5FHP08H,440,B,GIG,08/Sn,HT,NSYes

TE Part # 5-104363-3
04 MTE HDR SRST LATCH .100CL

TE Part # 1-1879338-8
CPF 0603 40K2 1% 50PPM 1K RL

TE Part # 1676328-2
RN 0805 3K4 0.1% 10PPM 1KRL

TE Part # 4-2176371-5
RQ 0603 13K3 0.1% 10PPM 5K RL

TE Part # 1410946-2
MULTI-GIG SOC. CAP SCREW, CUSTOMIZED HDW

TE Part # 1053398-1
2064 8002 90



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