213300-2 ✔ ACTIVE

AMP | AMP M Series

TE Internal #: 213300-2

AMP M Series, Rectangular Power Connectors, Housing, Plug, Cable-to-Cable, 34 Position, 3.81mm [.15in] Centerline, Wire & Cable, UL 94V-0

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **34**

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

Features

Product Type Features

Assembly Requirement	Unassembled Kit
Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
Connector System	Cable-to-Cable
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	34
Number of Power Positions	4
Number of Signal Positions	34
Number of Rows	4

Electrical Characteristics

Operating Voltage	250 VDC

Contact Features

Contact Current Rating (Max)	14 A
Contact Retention Within Housing	With
Contact Type	Pin, Socket

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Strain Relief	With
Contact Retention Type Within Housing	Locking Spring
Panel Mount Feature	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

Accepts Cable Diameter (Max)	11.43 mm[.45 in]
Wire Size	.05 – 2 mm²
Row-to-Row Spacing	4.57 mm[.18 in]
Length	52.07 mm[2.05 in]
Width	21.03 mm[.828 in]

Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

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

Packaging Features

Packaging Method	Bag
Packaging Quantity	1

Other

For Use With	Receptacle Connector Kit

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 2021 (211) Candidate List Declared Against: JAN 2018 (181) SVHC > Threshold: Not Yet Reviewed
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

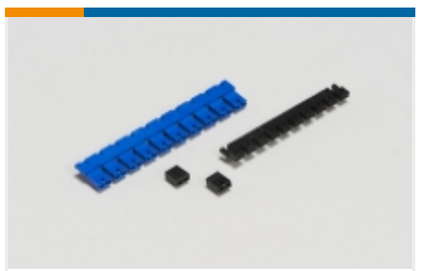
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Part # 213522-2
KIT,34 POS,M SERIES

Also in the Series | AMP M Series



Board-to-Board Jumpers & Shunts(7)



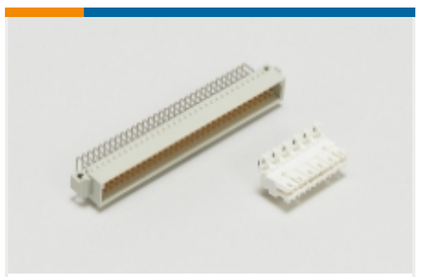
Rack & Panel Connectors(1)



Rectangular Connector Hardware(52)



Rectangular Power Connectors(69)



Standard Edge Connectors(2)

Customers Also Bought



TE Part #1558676-6
PCB Power Relay: 30 amp, Monostable DC



TE Part #102241-4
06 MODIV HSG COMP SR .100 POL



TE Part #203743-4
160 POS. PIN HOOD.



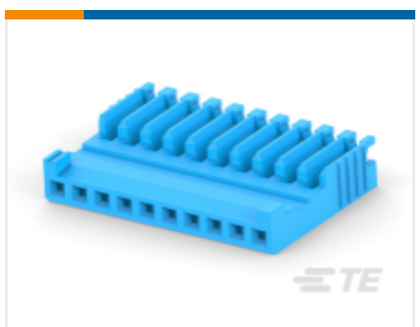
TE Part #T1349160120-000
H16A-TGH-M20



TE Part #202169-4
M-SERIES HALF SHIELD KIT



TE Part #173600-1
Econoseal Receptacles and Tabs



TE Part #1-281786-2
HE13/HE14 IDC Receptacle, SRST, AWG24-2



TE Part #201692-4
CNTR FASTENER PLUG BLOCK,104P



TE Part #2-2364570-8
AVH19 FLT SS LK RNG R&B 24V16A



TE Part #1624021-1
SC30-10-2532-10 39UH AMMO 1000

Documents

Product Drawings

34 PASSM KIT,M SER (CC,JS)

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_213300-2_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_213300-2_H.3d_igs.zip

English

Customer View Model

ENG_CVM_213300-2_H.3d_stp.zip

English

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Datasheets & Catalog Pages

M_SERIES_PIN_AND_SOCKET_CONNECTORS

English