2120320-1 ✔ ACTIVE

MotorMan

TE Internal #: 2120320-1

MotorMan, Rectangular Power Connectors, Connector Assembly, Receptacle, Wire-to-Wire / Wire-to-Motor, 19 Position, Printed Circuit Board, UL 94V-0

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors







Rectangular Power Connector Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Motor, Wire-to-Wire**

Number of Positions: **19**

Sealable: **No**

Features

Product Type Features

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

Configuration Features

Number of Positions	19
PCB Mount Orientation	Vertical
Number of Power Positions	2
Number of Signal Positions	5
Board-to-Board Configuration	Parallel

Electrical Characteristics

Operating Voltage	900 VDC

Contact Features

Contact Layout	Staggered
Multiple Contact Types	With
Contact Current Rating (Max)	20 A
Contact Type	Socket

Termination Features

Termination Method to Wire & Cable	Crimp
Termination Method to Printed Circuit Board	Through Hole - Screw

Mechanical Attachment

Connector Mounting Type	Motor

Housing Features

Housing Color	Black
Housing Material	PBT GF30

Dimensions

Width	22.3 mm[.877 in]
Height	33 mm[1.3 in]
Length	41.5 mm[1.63 in]

Usage Conditions

Operating Temperature Range	-40 – 80 °C[-40 – 176 °F]

Operation/Application

Circuit Application	Power & Signal

Identification Marking

Circuit Identification Feature	Without

Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire
Agency/Standard Number	E28476
Agency/Standard	UL
UL Rating	Recognized
VDE Tested	No

Packaging Features

Packaging Method	Package

Packaging Quantity	30

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 2021 (211) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
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 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 # 2120325-1
TAB CONNECTOR



TE Part # 2120321-1
SIGNAL HOUSING 5 POS

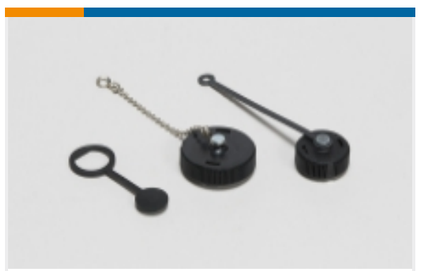


TE Part # 2120457-1
HOOD KIT MOTORMAN HC 180 METAL



TE Part # 2309877-1
TAB CONNECTOR

Also in the Series | MotorMan



Circular Connector Caps & Covers(1)



Circular Connector Contact Inserts(2)



Circular Connector Seals(1)



Rectangular Backshells & Clamps(3)



Rectangular Caps & Covers(1)



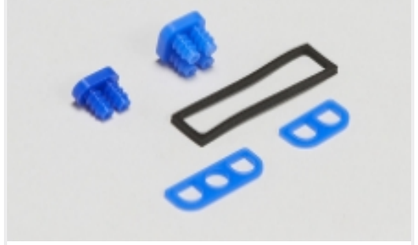
Rectangular Connector Hardware(2)



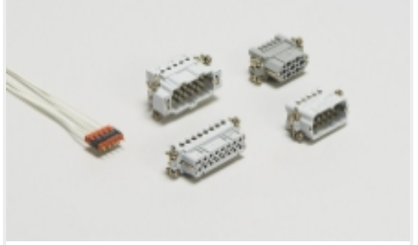
Rectangular Connector Hoods & Bases (4)



Rectangular Connector Locking(2)



Rectangular Connector Seals(1)



Rectangular Contact Inserts(5)



Rectangular Power Connectors(2)

Customers Also Bought



TE Part #2120339-1
SIDE CLIP



TE Part #2120330-1
METAL HOOD / KIT



TE Part #2120336-1
PROTECTION COVER



TE Part #1245276-2
HG-Q-Buegel-100



TE Part #1103426-2
MALE INSERT, CRIMP, 4-POS. 22DF CONTACTS



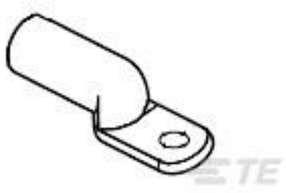
TE Part #1-293476-2
NECTOR M PIN CTC BRASS TIN PLTD



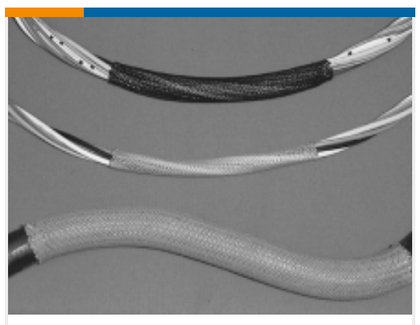
TE Part #1103426-1
MALE INSERT, CRIMP, 4-POS. 22DF CONTACTS



TE Part #1103436-1
HC26.Base Housing-metal



TE Part #184113-1
TERM,COPALUM R 4/0A 3/0C 1/2



TE Part #CH01974001
VERSAFLEX-40-0-SP

Documents

Product Drawings

FEMALE INSERT WITH PE-CONTACT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2120320-1_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2120320-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2120320-1_B.3d_stp.zip

English

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Product Specifications

Product Specification

English

Agency Approvals

UL

English