



AMP | Heavy Duty Sealed Connector Series

TE Internal #: 1-1564526-1

Housing for Male Terminals, Wire-to-Wire, 18 Position, .157 in [4 mm] Centerline, Sealable, Black, Signal, Heavy Duty Sealed Connector Series

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Connectors > Automotive Connectors > Automotive Housings > Heavy Duty Sealed Connector Series Housings



Connector System: **Wire-to-Wire**
Number of Positions: **18**
Connector & Housing Type: **Housing for Male Terminals**
Centerline (Pitch): **4 mm [.157 in]**
Sealable: **Yes**

[All Heavy Duty Sealed Connector Series Housings \(204\)](#)

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Male Terminals
Sealable	Yes
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	18
Number of Rows	2

Electrical Characteristics

Operating Voltage	60 VDC
Nominal Voltage Architecture	12 V, 24 V, 42 V, 60 V



Body Features

Primary Product Color	Black
Connector & Keying Code	A

Contact Features

Contact Size	1.6mm
Contact Type	Tab
Mating Tab Width	1.6 mm[.063 in]
Contact Current Rating (Max)	20 A

Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	4 mm[.157 in]

Dimensions

Connector Height	47.1 mm[1.854 in]
Product Width	39.8 mm[1.567 in]
Product Length	62.5 mm[2.461 in]
Row-to-Row Spacing	6.8 mm, 7.25 mm, 7.7 mm, 7.9 mm, 9.5 mm[.268 in][.285 in][.303 in][.311 in][.374 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C, 130 °C, 140 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F][266 °F][284 °F]
Operating Temperature Range	-40 – 140 °C[-40 – 284 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

Degree of Protection	IP67
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UL Flammability Rating

UL 94V-0

Packaging Features

Packaging Quantity	72
Packaging Method	Carton

Other

Serviceable	Yes
Connector Position Assurance Capable	No

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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 # CAT-H3399-SL34
Heavy Duty Sealed Connector Series
Fixing Slides



TE Part # 964972-1
EINZELLEITERDICHUNG



TE Part # 1564411-8
SLIDE, TAB HSG GROUP E



TE Part # 1-1563759-1
18POS,AMP MCP1.5K,REC HSG,ASSY



TE Part # CAT-H3399-B128
Heavy Duty Sealed Connector Series
Backshells



TE Part # 2112297-1
PROTECTION CAP, GROUP E, ASSY




TE Part # CAT-T4827-T273
TIMER, RECEPTACLE AND TAB

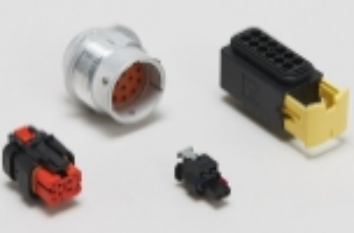


TE Part # 2-964269-2
TAB A 1.6x0.6 CONTACT CF SWS Ag


Also in the Series | Heavy Duty Sealed Connector Series



Automotive Connector Caps & Covers
(25)



Automotive Housings(207)




Connector Seals & Cavity Plugs(5)



Data Connectivity Headers(2)



Data Connectivity Housings(18)



Other Automotive Connector
Accessories(34)



PCB Headers & Receptacles(1)

Customers Also Bought



TE Part #1-1703639-1
12POS,AMP MCP1.5K,REC HSG,ASSY



TE Part #1670720-5
SLIDE, TAB HSG GROUP C



TE Part #K1060506
Battery Disconnecter 35-550




TE Part #1-2381216-3
48POS,MCON 1.2,TAB HSG ASSY,SLD,
COD J






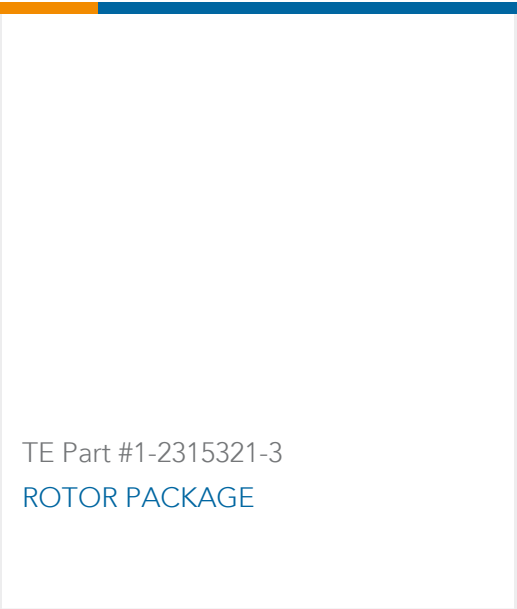
TE Part #2315856-6
MSD,PLUG HSG ASSY,630A,V0



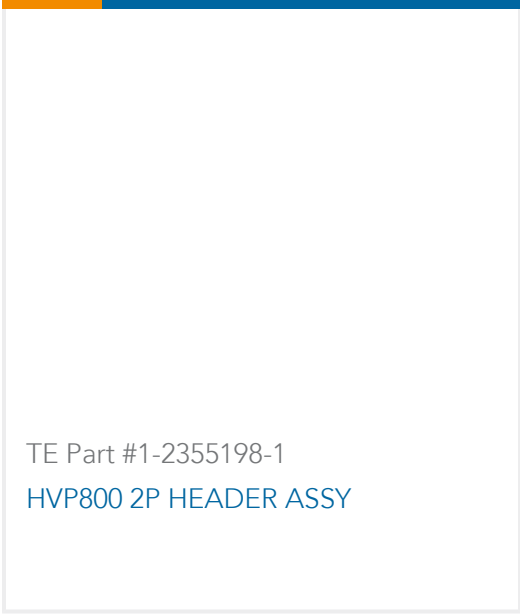
TE Part #2385803-5
48POS,MCON 1.2,REC HSG ASSY,SLD,COD J



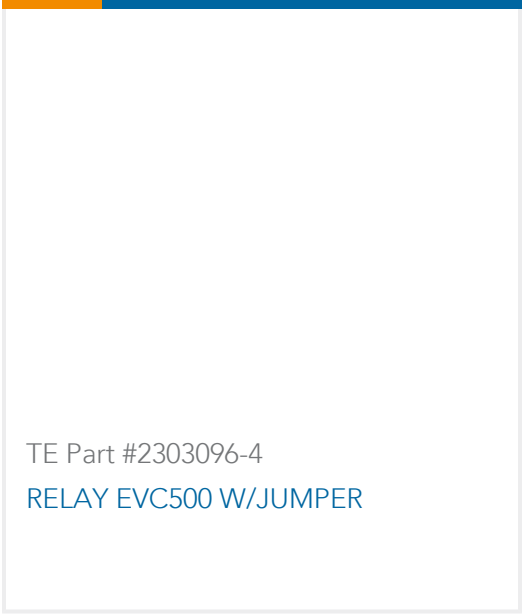
TE Part #9-2208100-1
PROTEC. COVER 8MM HV,2POS PINHEADER



TE Part #1-2315321-3
ROTOR PACKAGE



TE Part #1-2355198-1
HVP800 2P HEADER ASSY



TE Part #2303096-4
RELAY EVC500 W/JUMPER

Documents

Product Drawings
18POS,TAB 1.6X0.6,TAB HSG,ASSY
English

CAD Files
Customer View Model
ENG_CVM_CVM_1-1564526-1_H.2d_dxf.zip
English
3D PDF
3D
Customer View Model
ENG_CVM_CVM_1-1564526-1_H.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_1-1564526-1_H.3d_stp.zip
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages
HDSCS Catalog
English
ICT Terminals and Connectors Catalogue
English
CONNECTOR SELECTOR
English

Product Specifications



Application Specification

English

Application Specification

English