



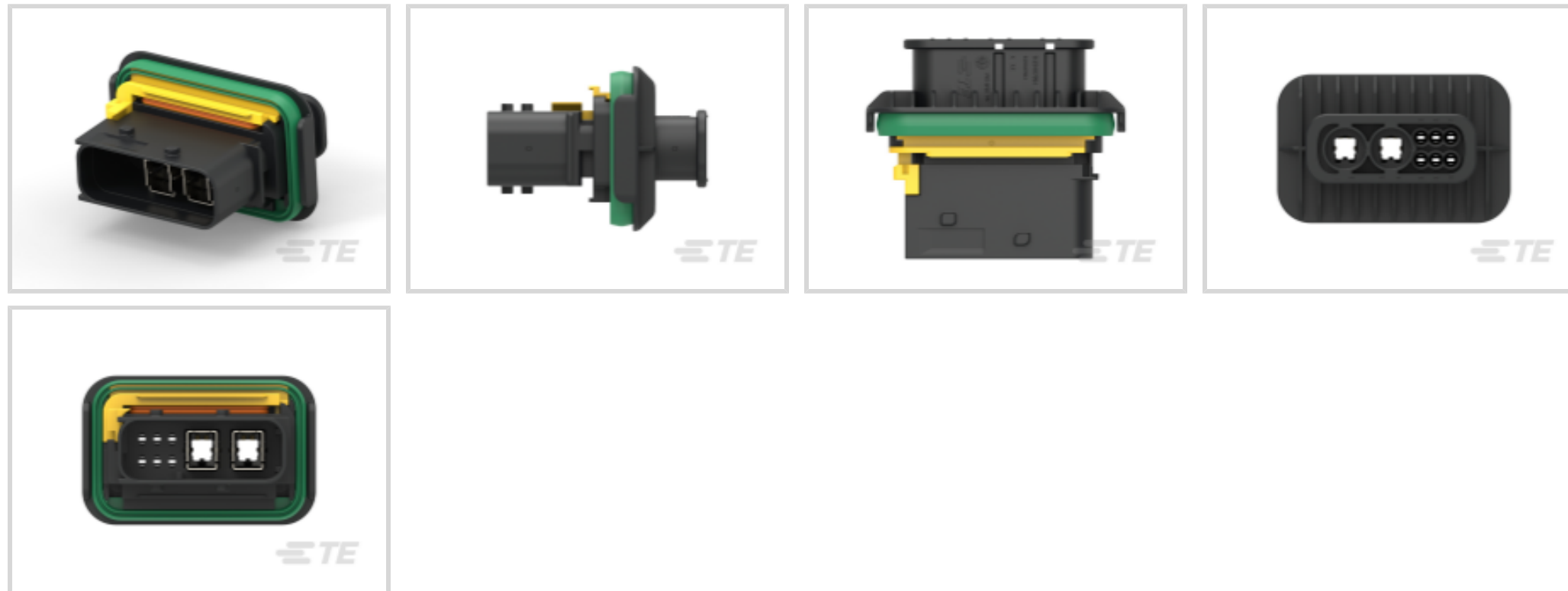
AMP | Heavy Duty Sealed Connector Series, MATEnet

TE Internal #: 9-2348789-1

Data Connectivity Housings, Housing for Male Terminals, A, Wire-to-Wire, 10 Position, Heavy Duty Sealed Connector Series

[View on TE.com >](#)

Connectors > Automotive Connectors > Data Connectivity Systems > Data Connectivity Housings



Connector & Housing Type: **Housing for Male Terminals**

Mating Tab Width: .5 mm, 1.6 mm [ .019 in, .062 in ]

Mating Tab Thickness: .4 mm, .6 mm [ .015 in, .023 in ]

Connector & Keying Code: **A**

Connector System: **Wire-to-Wire**

### Features

#### Product Type Features

Hybrid Connector	Yes
Connector & Housing Type	Housing for Male Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

#### Configuration Features

Number of Positions	10
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#### Electrical Characteristics

Operating Voltage	60 VDC
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#### Body Features

Cable Exit Type	Straight to Angled, Straight to Straight
Ferrule	With
Body Material	PBT GF
Connector & Keying Code	A



Cable Exit Angle	180°
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### Contact Features

Center Contact	With
Contact Type	Tab
Contact Mating Area Plating Material	Silver
RF Connector Center Contact Plating Material	Silver (Ag)
Mating Tab Width	.5 mm, 1.6 mm [.019 in][.062 in]
Mating Tab Thickness	.4 mm, .6 mm [.015 in][.023 in]
Contact Current Rating (Max)	3 A, 20 A

### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

Panel Attachment Style	Front Mount
Mating Retention	With
Connector Mounting Type	Panel Mount

### Housing Features

Housing Color	Black
Centerline (Pitch)	4 mm, 12.3 mm [.157 in][.484 in]

### Dimensions

Connector Height	39.8 mm [1.56 in]
Product Width	52.8 mm [2.07 in]
Product Length	62.5 mm [2.46 in]

### Usage Conditions

Operating Temperature (Max)	125 °C [257 °F]
Cable Type	STP, UTP
Operating Temperature Range	-40 – 125 °C [-40 – 257 °F]

### Operation/Application

Shielded	Yes
Circuit Application	Power & Signal

### Industry Standards

Agency/Standard	ISO 8092
IP Rating	IP67, IP6K9K



## Packaging Features

Packaging Method	Box
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## Other

Outer Contact Plating Material	Nickel (Ni)
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Dielectric Material	PA
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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 2023 (233) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
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Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Not reviewed for solder process capability
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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




TE Part # CAT-H3399-SL34  
Heavy Duty Sealed Connector Series  
Fixing Slides



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



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



TE Part # 539635-1  
ERGO HAND TOOL FRAME W/O DIES



TE Part # 539960-1  
AUSZ-WKZ, MICRO TIM.



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



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



TE Part # 2287497-1  
SINGLE WIRE SEAL, 1.5MM CONTACT SYSTEM



TE Part # 2302451-1  
MATENET, MALE INSERT MODUL



TE Part # 2348770-1  
HD MATEnet - COVER FOR SWS



TE Part # 2348770-2  
HD MATEnet - COVER FOR SWS



TE Part # 2348770-3  
HD MATEnet - COVER FOR SWS



TE Part # 2348771-1  
HD MATEnet SWS



TE Part # 2348771-2  
HD MATEnet SWS




TE Part # 2356256-1  
HD MATEnet BLIND PLUG




TE Part # 9-2348786-1  
HD MATEnet 2+6 REC HSG ASSY, GRP E


Also in the Series | **Heavy Duty Sealed Connector Series**



Automotive Connector Caps & Covers (25)



Automotive Housings(207)



Automotive Seals & Cavity Plugs(5)

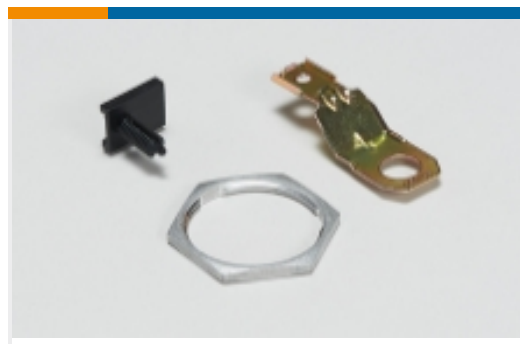


Data Connectivity Headers(2)

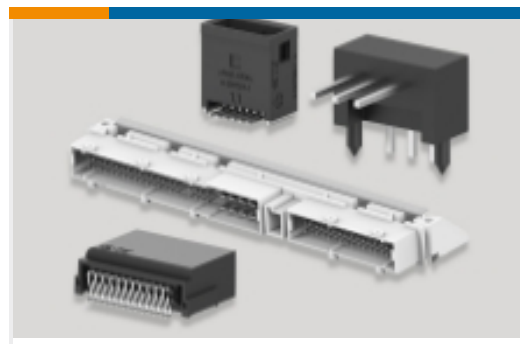




Data Connectivity Housings(18)



Other Automotive Connector Accessories(34)

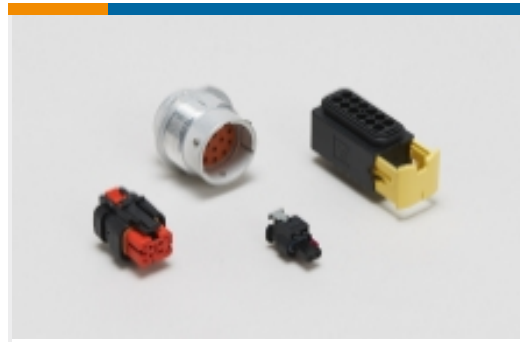


PCB Headers & Receptacles(1)

## Also in the Series | MATEnet



Automotive Connector Caps & Covers (5)



Automotive Housings(1)



Automotive Seals & Cavity Plugs(5)



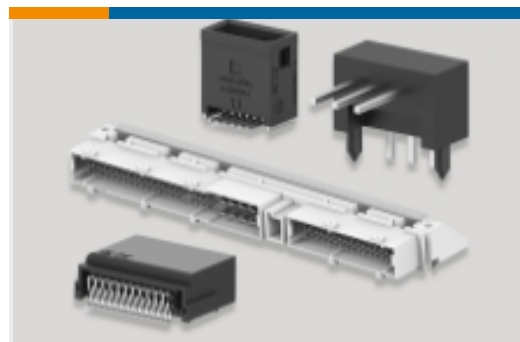
Data Connectivity Headers(7)



Data Connectivity Housings(31)



Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(2)

## Customers Also Bought



TE Part #788189-2  
CPC 17-3 RCPT ASY,REV SEX



TE Part #2-330648-1  
PIDG 22-16 22-18 MIL R 4; TAPE



TE Part #2177090-3  
STEEL, OUTER FERRULE, 8MM HV, 25SQMM



TE Part #1-1633961-2  
CRIMPER, INSULATION F PREMIUM



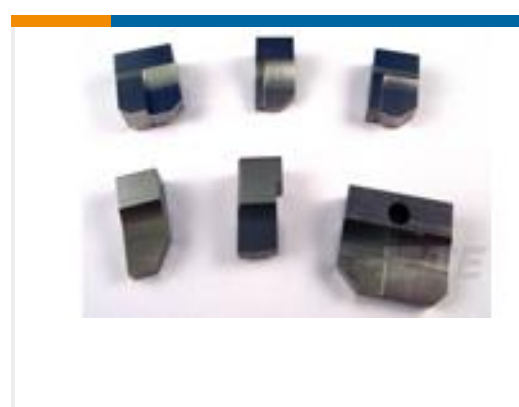
TE Part #1587940-3  
CABLE SEAL RETAINER, SIZE C



TE Part #2103013-3  
CABLE SEAL RETAINER, SIZE 2, OR, HVA280



TE Part #2208669-3  
8MM HV, CONTACT, ASSY



TE Part #4-1633932-0  
ANVIL, COMBINATION



## Documents

### Product Drawings

[HD MATEnet 2+6 TAB ASSY, GRP E, FLANGED](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_9-2348789-1\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_9-2348789-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_9-2348789-1\\_A.3d\\_stp.zip](#)

English

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

### Product Specifications

[Application Specification](#)

English