

9-2348792-1 ✓ ACTIVE

AMP | Heavy Duty Sealed Connector Series, MATEnet

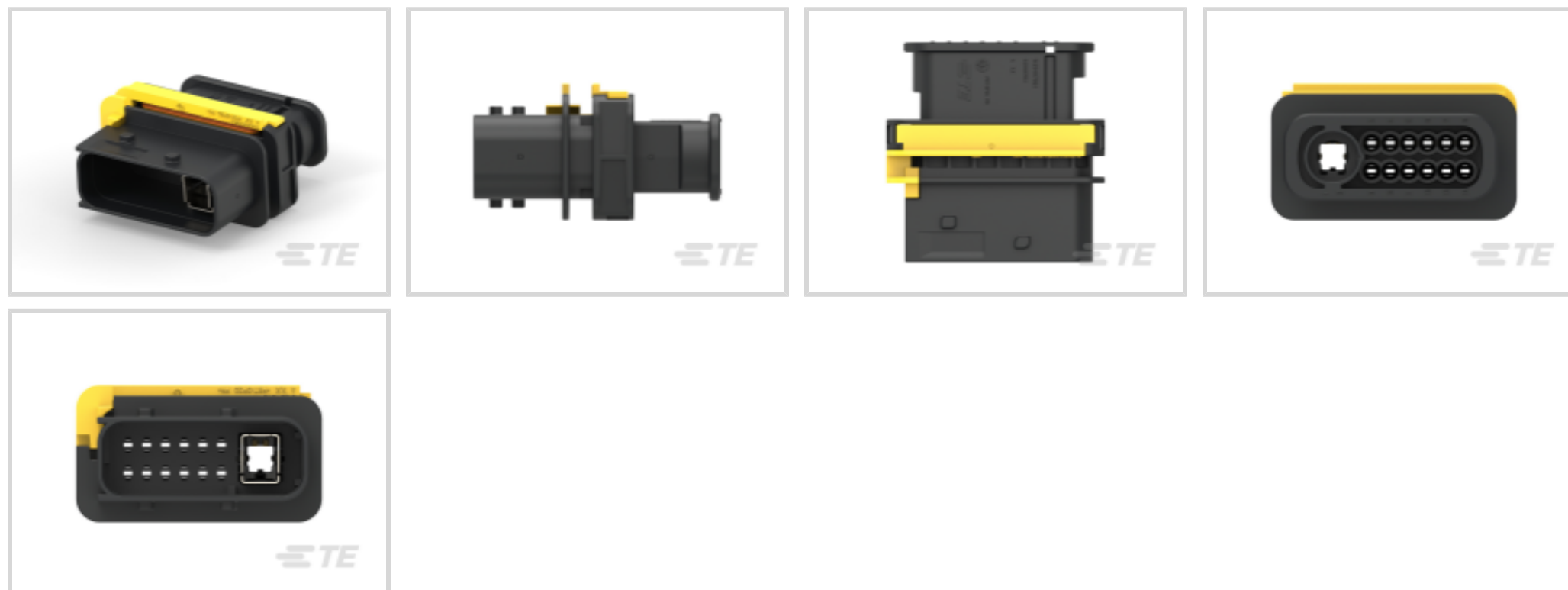
TE Internal #: 9-2348792-1

Data Connectivity Housings, Housing for Male Terminals, A, Wire-to-Wire, 14 Position, .157 in [4 mm] Centerline, 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 | 14 |
|---------------------|----|

Electrical Characteristics

| | |
|-------------------|--------|
| Operating Voltage | 60 VDC |
|-------------------|--------|

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° |
|------------------|------|

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 |
|------------------------------------|-------|

Mechanical Attachment

| | |
|------------------|------|
| Mating Retention | With |
|------------------|------|

| | |
|-------------------------|----------------------------|
| Connector Mounting Type | Cable Mount (Free-Hanging) |
|-------------------------|----------------------------|

Housing Features

| | |
|---------------|-------|
| Housing Color | Black |
|---------------|-------|

| | |
|--------------------|----------------|
| Centerline (Pitch) | 4 mm [.157 in] |
|--------------------|----------------|

Dimensions

| | |
|------------------|-------------------|
| Connector Height | 29.2 mm [1.14 in] |
|------------------|-------------------|

| | |
|---------------|-------------------|
| Product Width | 52.6 mm [2.07 in] |
|---------------|-------------------|

| | |
|----------------|-------------------|
| Product Length | 52.8 mm [2.07 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 |
|------------------|-----|

Other

| | |
|--------------------------------|-------------|
| Outer Contact Plating Material | Nickel (Ni) |
| Dielectric Material | PA |

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 2023 (233) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Not reviewed 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-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 # 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 # 9-2348795-1
HD MATEnet 1+12 REC HSG ASSY, GRP E


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



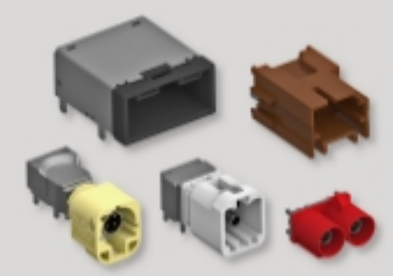
Automotive Connector Caps & Covers (25)



Automotive Housings(207)



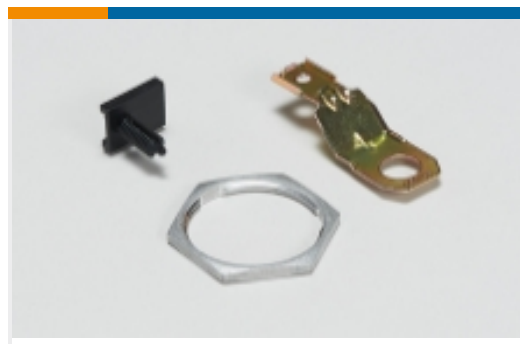
Automotive Seals & Cavity Plugs(5)



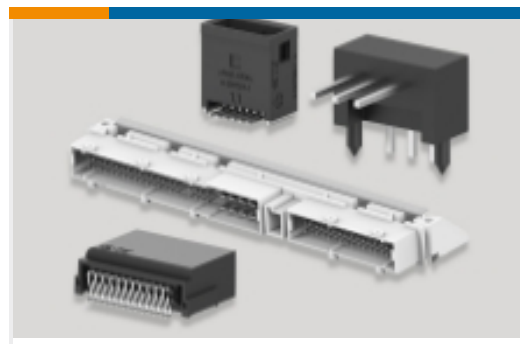
Data Connectivity Headers(2)



Data Connectivity Housings(18)



Other Automotive Connector Accessories(34)

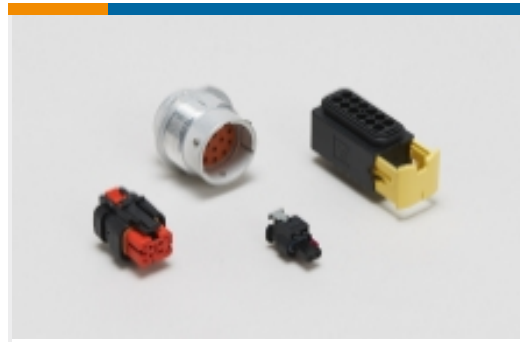


PCB Headers & Receptacles(1)

Also in the Series | MATEnet



Automotive Connector Caps & Covers (5)



Automotive Housings(1)



Automotive Seals & Cavity Plugs(5)



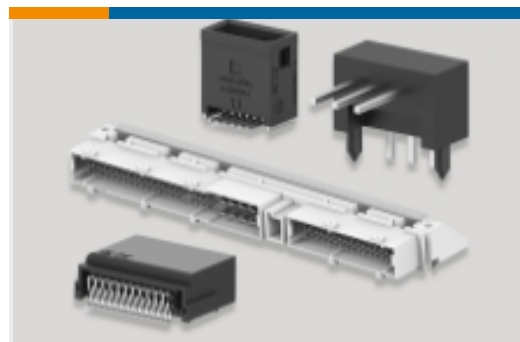
Data Connectivity Headers(7)



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



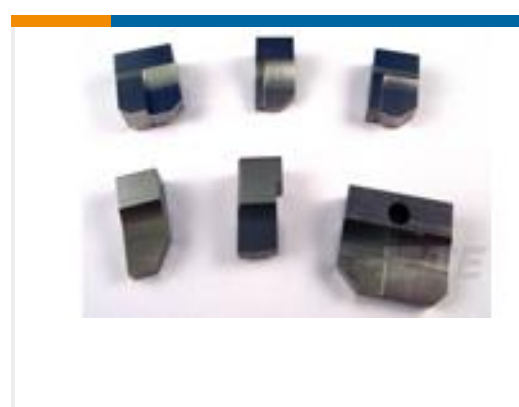
TE Part #1587940-3
CABLE SEAL RETAINER, SIZE C



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 1+12 TAB HSG ASSY, GRP E](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_9-2348792-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_9-2348792-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_9-2348792-1_A.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English