



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



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

Mating Tab Width: **.5 mm [ .019 in ]**

Mating Tab Thickness: **.4 mm [ .015 in ]**

Connector & Keying Code: **A**

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

Features

Product Type Features

Hybrid Connector	No
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Board, Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	6
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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	Receptacle
Contact Mating Area Plating Material	Silver
RF Connector Center Contact Plating Material	Silver (Ag)
Mating Tab Width	.5 mm[.019 in]
Mating Tab Thickness	.4 mm[.015 in]
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Color	Black
Centerline (Pitch)	12.3 mm[.48 in]

Dimensions

Connector Height	25.7 mm[1.01 in]
Product Width	31.25 mm[1.23 in]
Product Length	67.2 mm[2.64 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	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)
Dielectric Material	PA GF

Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>













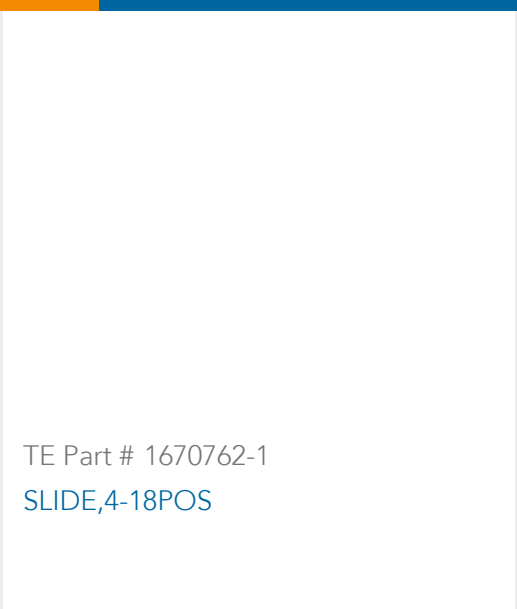
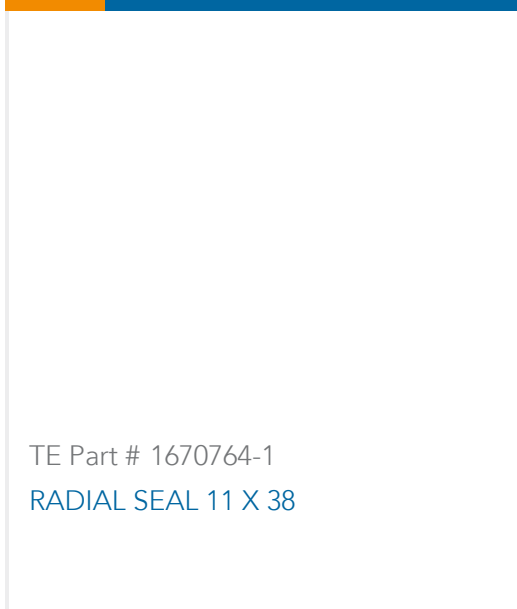
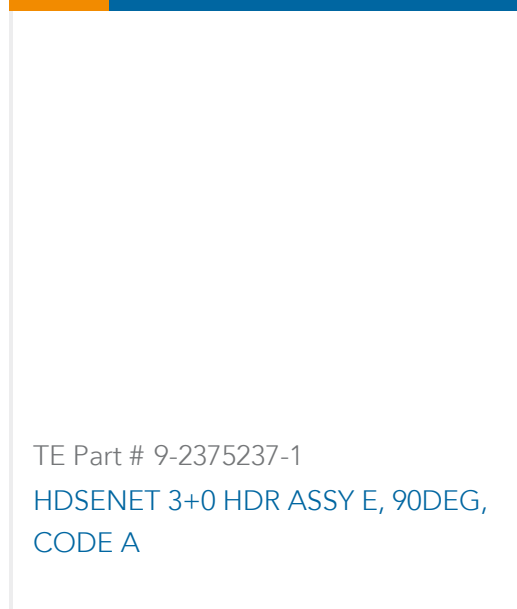
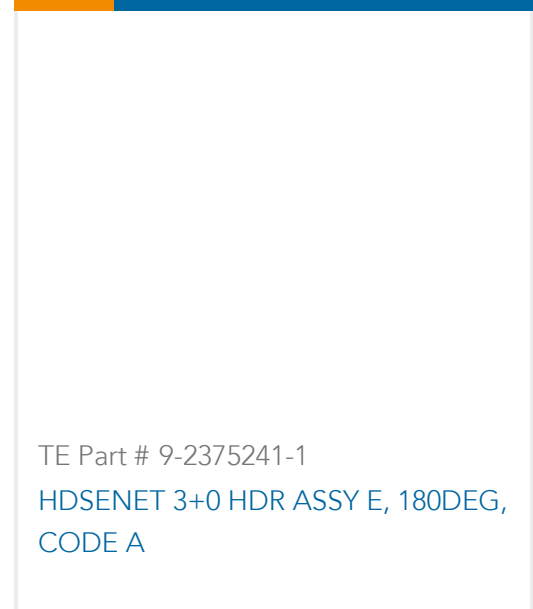
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2023 (233) Candidate List Declared Against: JUNE 2022 (224) Does not 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 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



 <p>TE Part # CAT-H3399-B128 Heavy Duty Sealed Connector Series Backshells</p>	 <p>TE Part # 2112303-1 PROTECTION CAP, FOR REC.HSG GROUP E</p>	 <p>TE Part # 1-2302450-1 MATENET, FEMALE INSERT MODUL, BLACK</p>	 <p>TE Part # 2302450-1 MATENET, FEMALE INSERT MODUL, BLACK</p>
 <p>TE Part # 2348770-1 HD MATEnet - COVER FOR SWS</p>	 <p>TE Part # 2348770-2 HD MATEnet - COVER FOR SWS</p>	 <p>TE Part # 2348770-3 HD MATEnet - COVER FOR SWS</p>	 <p>TE Part # 2348771-1 HD MATEnet SWS</p>
 <p>TE Part # 2348771-2 HD MATEnet SWS</p>	 <p>TE Part # 2356256-1 HD MATEnet BLIND PLUG</p>	 <p>TE Part # 9-2348772-1 HD MATEnet 3+0 TAB HSG ASSY, GRP E</p>	 <p>TE Part # 9-2348779-1 HD MATEnet 3+0 TAB ASSY, GRP E, FLANGED</p>
 <p>TE Part # 1670762-1 SLIDE,4-18POS</p>	 <p>TE Part # 1670764-1 RADIAL SEAL 11 X 38</p>	 <p>TE Part # 9-2375237-1 HDSENET 3+0 HDR ASSY E, 90DEG, CODE A</p>	 <p>TE Part # 9-2375241-1 HDSENET 3+0 HDR ASSY E, 180DEG, CODE A</p>

Also in the Series | Heavy Duty Sealed Connector Series

 <p>Automotive Connector Caps &amp; Covers (25)</p>	 <p>Automotive Housings(207)</p>	 <p>Automotive Seals &amp; Cavity Plugs(5)</p>	 <p>Data Connectivity Headers(2)</p>
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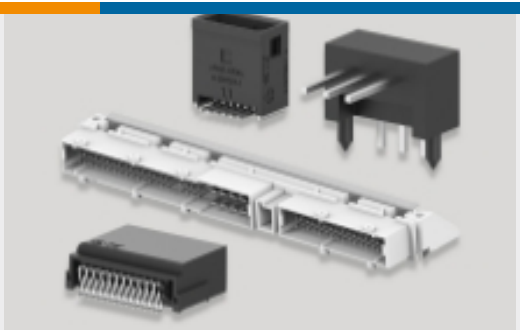




Data Connectivity Housings(18)



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



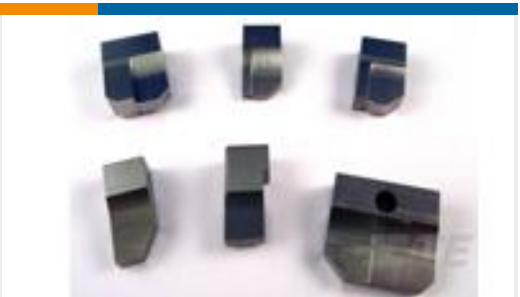
TE Part #1587940-3  
CABLE SEAL RETAINER, SIZE C



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



TE Part #464291-5  
ANVIL, SAND-BLASTED 12-10



TE Part #60736-2  
FASTON 250 FLAG REC 24-20 AWG  
TPBR

Documents

Product Drawings

HD MATEnet 3+0 REC HSG ASSY, GRP E

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_9-2348776-1\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_9-2348776-1\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_9-2348776-1\_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