



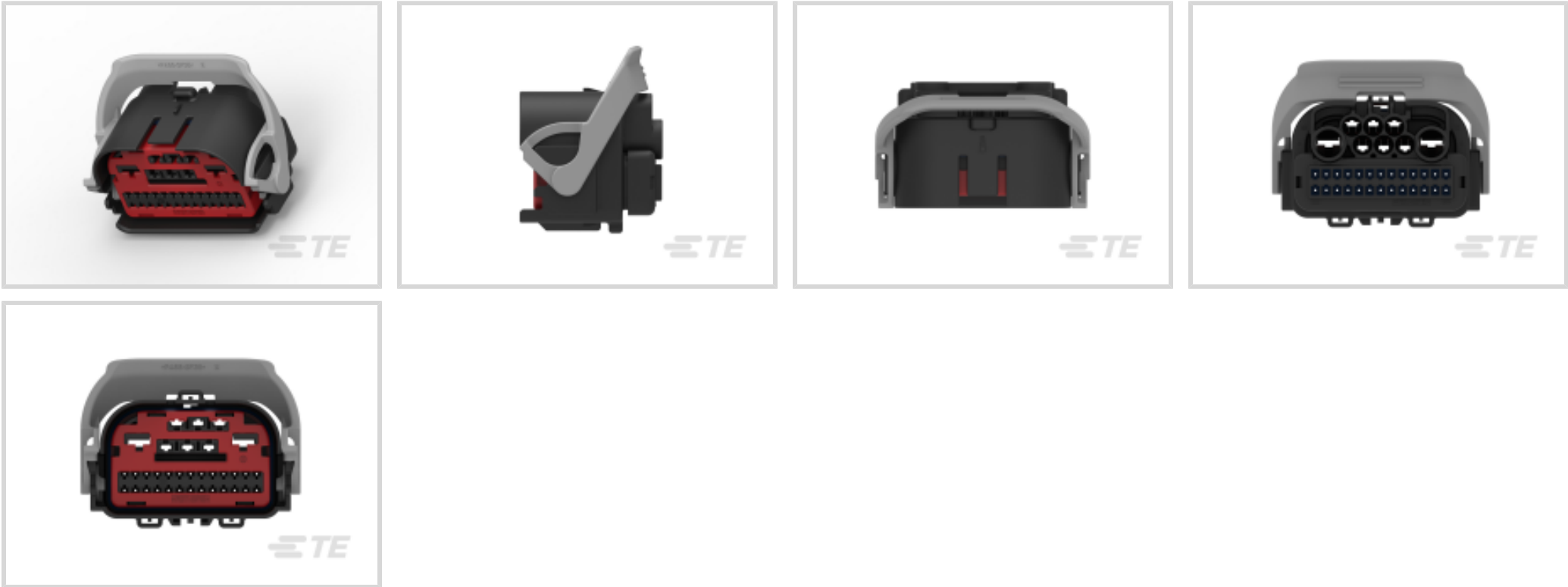
1.5/2.8 Connector System

TE Internal #: 1438841-1

1.5/2.8 Connector System, Housing for Female Terminals, Wire-to-Wire, 34 Position, .138 in / .268 in [3.5 mm / 6.8 mm] Centerline, Sealable, Black

[View on TE.com >](#)

Connectors > Automotive Connectors > Connector Housings > 1.5/2.8 CONNECTOR SYSTEM, HOUSING



Connector & Housing Type: **Housing for Female Terminals**  
Mating Tab Width: **1.5 mm, 2.8 mm, 6.3 mm [ .059 in, .11 in, .248 in ]**  
Connector System: **Wire-to-Wire**  
Number of Positions: **34**  
Centerline (Pitch): **3.5 mm, 6.8 mm [ .138 in, .268 in ]**

[All 1.5/2.8 CONNECTOR SYSTEM, HOUSING \(18\)](#)

Features

Product Type Features

Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	Yes
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	34
Number of Rows	4

Body Features

Cable Exit Angle	180°
Body Material	PBT GF
Primary Product Color	Black



Contact Features

Mating Tab Width	1.5 mm, 2.8 mm, 6.3 mm[.059 in][.11 in][.248 in]
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Mechanical Attachment

Mounting Feature	Without
Terminal Position Assurance	Yes
Strain Relief	Add By Accessory
Mating Alignment Type	Polarized

Housing Features

Centerline (Pitch)	3.5 mm, 6.8 mm[.138 in][.268 in]
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Dimensions

Product Width	41 mm[1.614 in]
Product Length	69.9 mm[2.752 in]
Product Height	53.6 mm[2.11 in]

Usage Conditions

Operating Temperature (Max)	70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C, 125 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F][257 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

Operation/Application

Circuit Application	Signal
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Industry Standards

Degree of Protection	IP67
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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: JAN 2022 (223)  
Candidate List Declared Against: JUL 2021 (219)  
SVHC > Threshold:  
Not Yet Reviewed

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

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-A11-T273  
1.5/2.8 CONNECTOR SYSTEM, RECPT AND TAB

TE Part # 1438842-1  
34WAY IN-LINE CAP ASSY, INDEX A

Also in the Series | 1.5/2.8 Connector System

Automotive Connector Caps & Covers (6)

Automotive Housings(30)

Automotive Terminals(52)

Insertion & Extraction Tools(1)



Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(3)

Customers Also Bought



TE Part #1-2297721-1  
26P PASS THRU HEADER, ASSY, KEY A



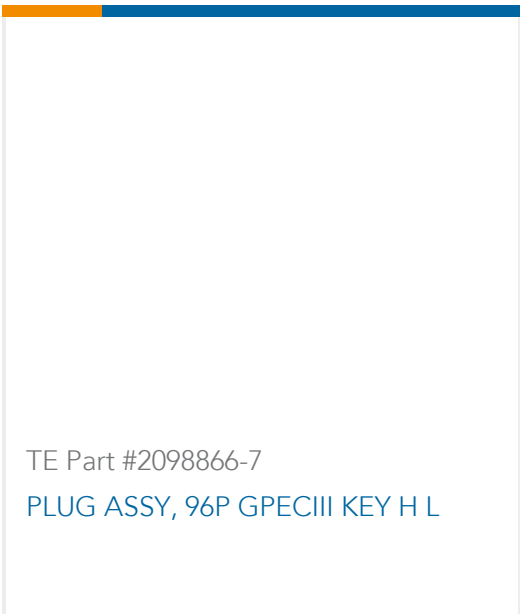
TE Part #505324P332  
Single Wall RNF-100 Spool HS Tubing



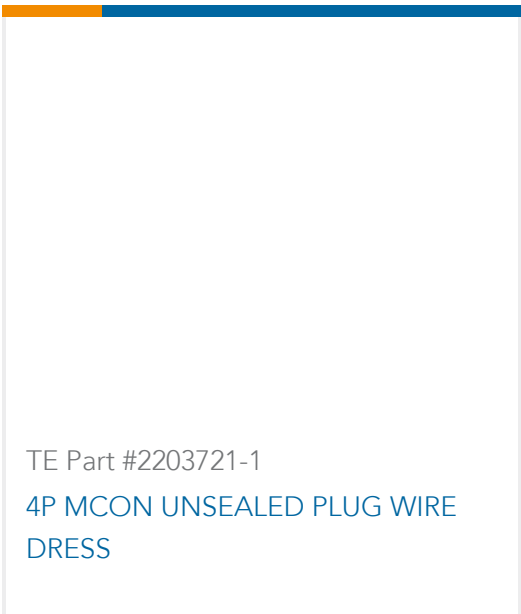
TE Part #1456968-6  
CONTACT,FEMALE, 0.64, 0.35SQMM, AG



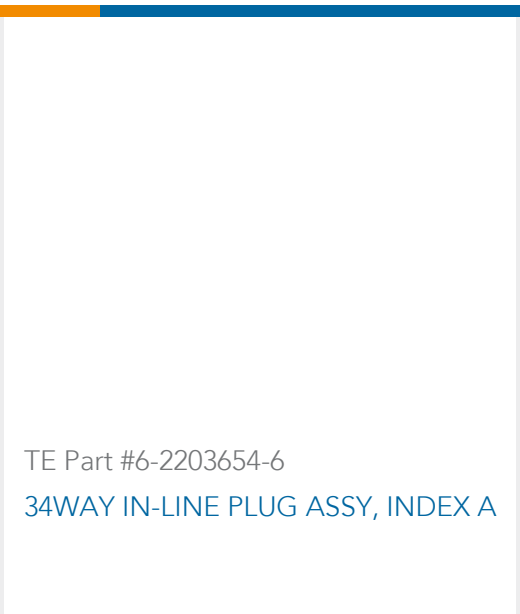
TE Part #2098491-1  
WIRE DRESS ASSY, 96P 90 deg Left Exit



TE Part #2098866-7  
PLUG ASSY, 96P GPECIII KEY H L



TE Part #2203721-1  
4P MCON UNSEALED PLUG WIRE DRESS



TE Part #6-2203654-6  
34WAY IN-LINE PLUG ASSY, INDEX A



TE Part #CV6472-000  
RW-175-3/32-X-50MM

Documents

Product Drawings

34WAY IN-LINE PLUG ASSY, INDEX A

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1438841-1\_B.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1438841-1\_B.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1438841-1\_B.3d\_stp.zip

English

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



Instruction Sheets

Instruction Sheet (U.S.)

English

Instruction Sheet (U.S.)

English