

1438841-1 ✓ ACTIVE



### 1.5/2.8 Connector System

TE Internal #: 1438841-1

Housing for Female Terminals, Wire-to-Wire, 34 Position, .138 in / .

268 in [3.5 mm / 6.8 mm] Centerline, Sealable, Black, 1.5/2.8

Connector System

[View on TE.com >](#)

Connectors > Automotive Connectors > Automotive Housings



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

Number of Positions: **34**

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

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

Sealable: **Yes**

## Features

### Product Type Features

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

### Configuration Features

Number of Positions	34
Number of Rows	4

### Body Features

Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	A

### Contact Features



Contact Size	1.5mm, 2.8mm, 6.3mm
Contact Type	Receptacle
Mating Tab Width	1.5 mm, 2.8 mm, 6.3 mm [.059 in][.11 in][.248 in]

### Mechanical Attachment

Terminal Position Assurance	Yes
Strain Relief	Add By Accessory
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

### Housing Features

Housing Material	PBT GF
Centerline (Pitch)	3.5 mm, 6.8 mm [.138 in][.268 in]

### Dimensions

Connector Height	53.6 mm [2.11 in]
Product Width	41 mm [1.614 in]
Product Length	69.9 mm [2.752 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	<p>Current ECHA Candidate List: JUNE 2024 (241)</p> <p>Candidate List Declared Against: JAN 2024 (240)</p> <p>SVHC &gt; Threshold:</p> <p>Octamethylcyclotetrasiloxane (D4) (.5% in Component Part)</p> <p>Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part)</p> <p>Decamethylcyclopentasiloxane (D5) (.5% in Component Part)</p> <p><b>Article Safe Usage Statements:</b>                      Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.</p>
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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



TE Part # 5-2203356-0  
34WAY IN-LINE CAP ASSY, KEY A BLKD



TE Part # 5-2203356-1  
34WAY IN-LINE CAP ASSY, KEY A BLKD



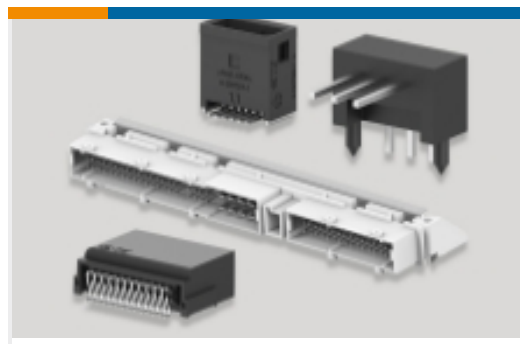
<p>TE Part # 1-2318701-0 34WAY IN-LINE CAP ASSY, KEY A BLKD</p>	<p>TE Part # 1-2318701-3 34WAY IN-LINE CAP ASSY, KEY B BLKD</p>	<p>TE Part # 1-2318701-6 34WAY IN-LINE CAP ASSY, KEY A BLKD</p>	<p>TE Part # 1-2318701-9 34WAY IN-LINE CAP ASSY, KEY B BLKD</p>
<p>TE Part # 2-2318701-0 34WAY IN-LINE CAP ASSY, KEY B BLKD</p>	<p>TE Part # 2318701-1 34WAY IN-LINE CAP ASSY, KEY A BLKD</p>	<p>TE Part # 2318701-2 34WAY IN-LINE CAP ASSY, KEY A BLKD</p>	<p>TE Part # 2318701-3 34WAY IN-LINE CAP ASSY, KEY B BLKD</p>
<p>TE Part # 2318701-9 34WAY IN-LINE CAP ASSY, KEY A BLKD</p>	<p>TE Part # 5-1438842-2 34WAY IN-LINE CAP ASSY, KEY A BLKD</p>	<p>TE Part # 5-1438842-7 34WAY IN-LINE CAP ASSY, KEY A BLKD</p>	<p>TE Part # 5-1438842-9 34WAY IN-LINE CAP ASSY, KEY A BLKD</p>
<p>TE Part # 5-2203356-5 34WAY IN-LINE CAP ASSY, KEY A BLKD</p>	<p>TE Part # 5-2203356-8 34WAY IN-LINE CAP ASSY, KEY A BLKD</p>	<p>TE Part # 6-1438842-0 34WAY IN-LINE CAP ASSY, KEY A BLKD</p>	<p>TE Part # 6-1438842-1 34WAY IN-LINE CAP ASSY, KEY A BLKD</p>

Also in the Series | **1.5/2.8 Connector System**

<p>Automotive Connector Caps &amp; Covers (4)</p>	<p>Automotive Housings(27)</p>	<p>Automotive Terminals(50)</p>	<p>Insertion &amp; Extraction Tools(1)</p>
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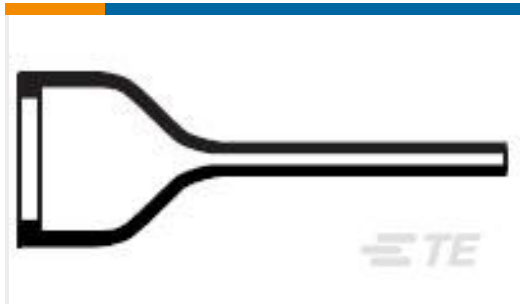


Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(1)

## Customers Also Bought



TE Part #806438-000  
202D921-25-0



TE Part #HDP26-18-21SN  
PLG, 21P, BLK, N, 20, S



TE Part #320882  
PIDG Ring Tongue Terminals



TE Part #2-1563759-1  
18POS,AMP MCP1.5K,REC HSG,ASSY



TE Part #322224  
TERMINAL,SOLIS R 2/0 5/8



TE Part #130005  
PIDG R 22-16 10 (5MM)



TE Part #34131  
SPLICE,PG PARA 22-16



TE Part #DT06-4S-CE04  
PLG, 4P, GRY, E, XCAP

## 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

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**Instruction Sheets**

**Instruction Sheet (U.S.)**

English

**Instruction Sheet (U.S.)**

English