

776286-1 ✓ ACTIVE

AMP | AMPSEAL

TE Internal #: 776286-1

Plug, Wire-to-Board / Wire-to-Panel, 8 Position, 4 mm [.157 in]  
Centerline, Sealable, Black, Wire & Cable, Power, Cable Mount  
(Free-Hanging), AMPSEAL

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Connectors > Automotive Connectors > Automotive Housings > AMPSEAL Receptacle Housings



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

Number of Positions: **8**

Connector & Housing Type: **Plug**

Centerline (Pitch): **4 mm [.157 in]**

Sealable: **Yes**

[All AMPSEAL Receptacle Housings \(31\)](#)

## Features

### Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector System	Wire-to-Board, Wire-to-Panel
Connector & Housing Type	Plug
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Integrated in Housing

### Configuration Features

Number of Positions	8
Number of Rows	3

### Electrical Characteristics

Operating Voltage	250 VAC
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### Body Features

Cable Exit Angle	180°
Primary Product Color	Black
Connector & Keying Code	2, 4

### Contact Features

Contact Size	1.3mm
Contact Type	Socket
Mating Pin Diameter	1.3 mm[.051 in]
Contact Current Rating (Max)	17 A

### Mechanical Attachment

Terminal Position Assurance	No
Strain Relief	Without
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

### Housing Features

Housing Material	PBT
Centerline (Pitch)	4 mm[.157 in]

### Dimensions

Connector Height	34.5 mm[1.35 in]
Product Width	38.3 mm[1.5 in]
Product Length	27.4 mm[1.08 in]
Row-to-Row Spacing	4 mm[.157 in]

### Usage Conditions

Operating Temperature (Max)	125 °C[257 °F]
Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]

### Operation/Application

Circuit Application	Power
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### Industry Standards

Degree of Protection	IP67, IP69K
UL Flammability Rating	UL 94V-0

### Packaging Features



Packaging Quantity	56
Packaging Method	Tray

### Other

Serviceable	Yes
Connector Position Assurance Capable	No

## Product Compliance

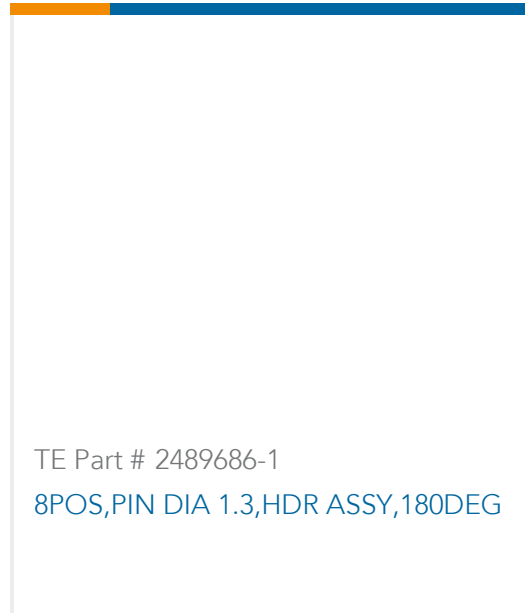
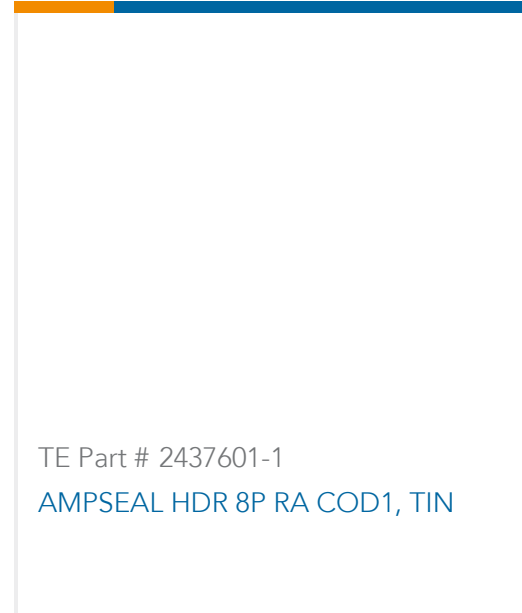
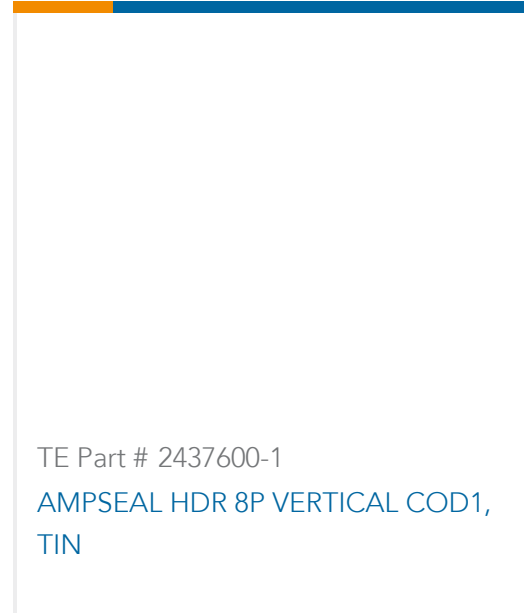
[For compliance documentation, visit the product page on TE.com>](#)

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: JUNE 2024 (241)</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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

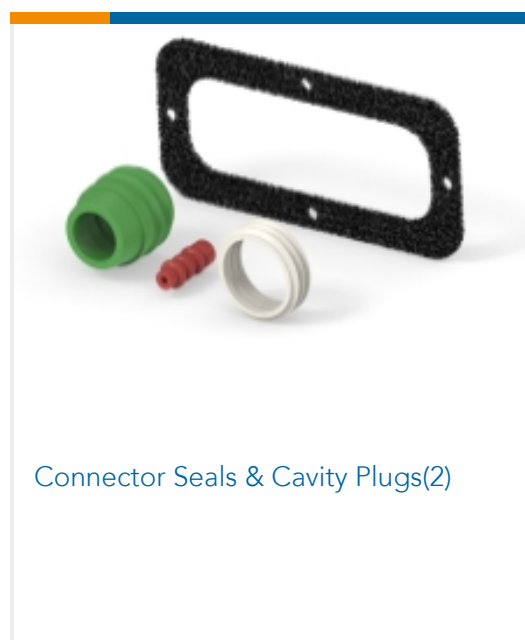
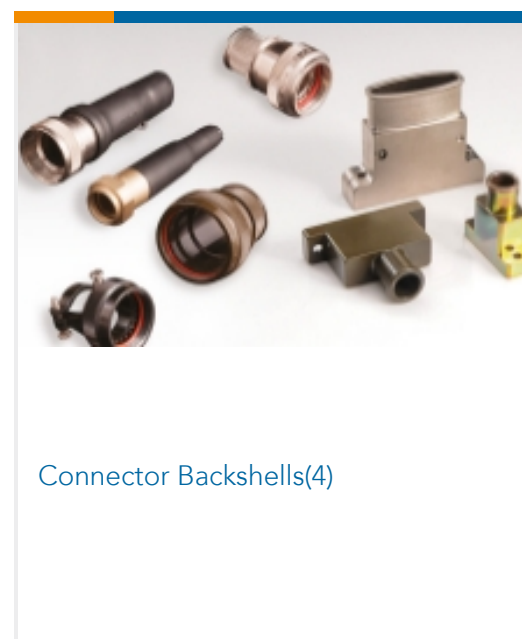
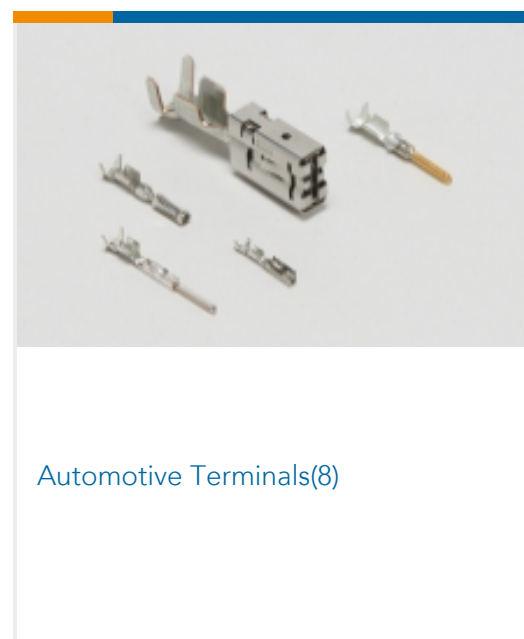
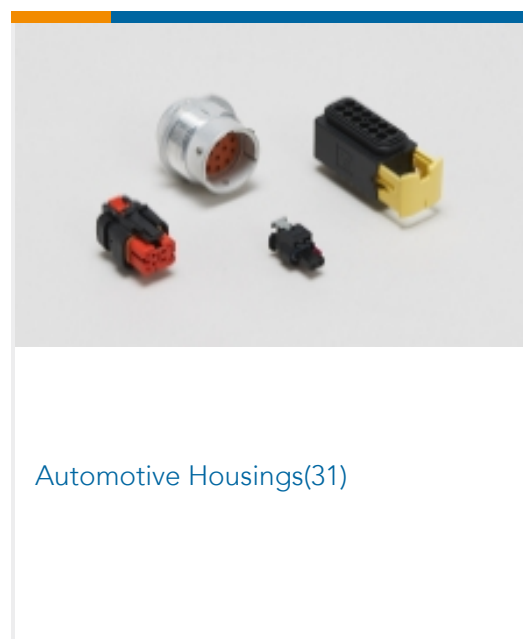
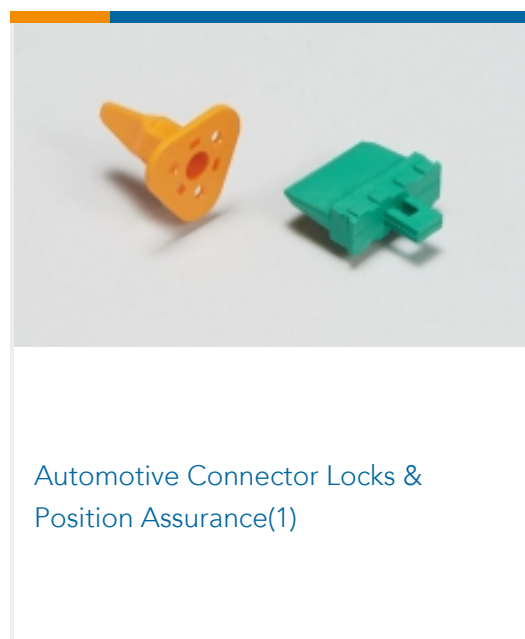
### Product Compliance Disclaimer

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>

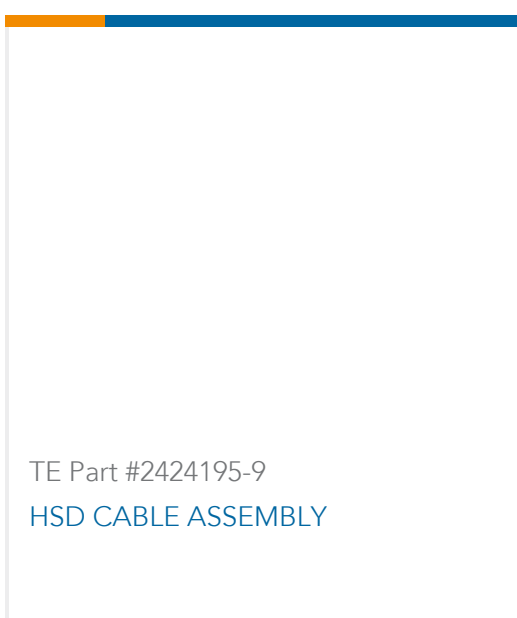
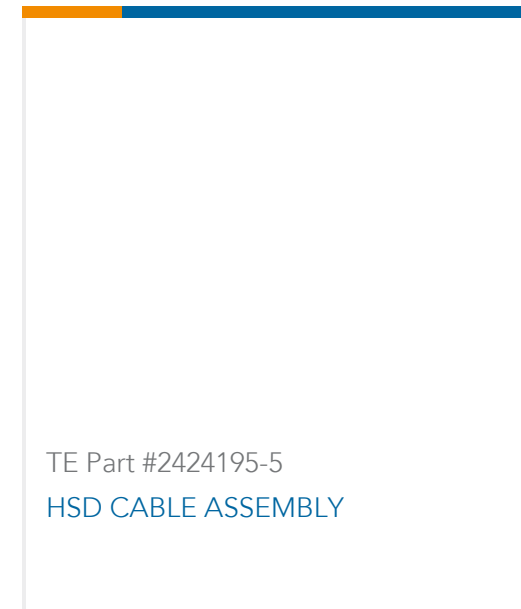
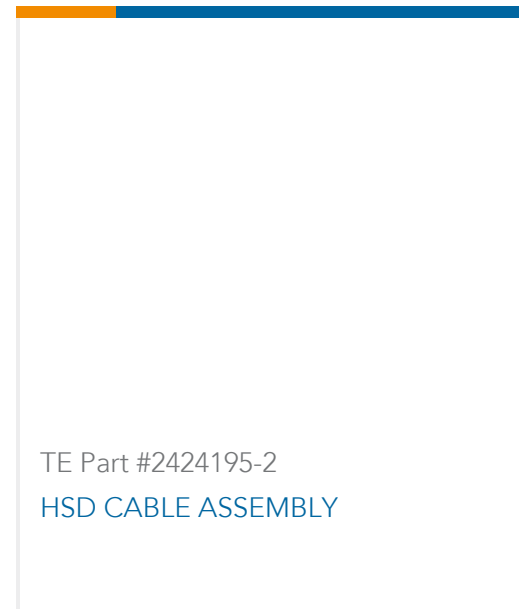
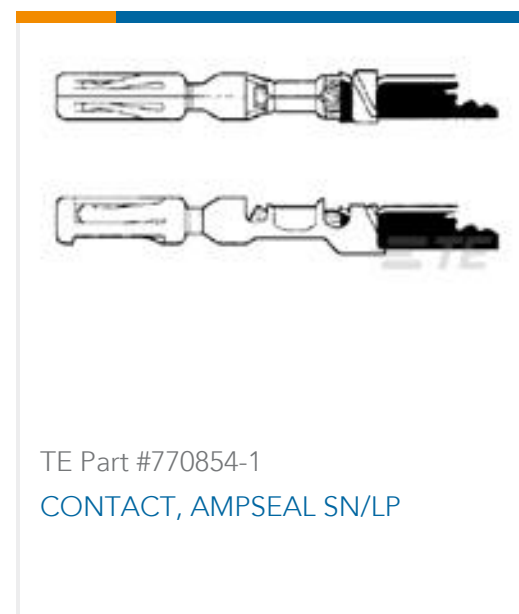
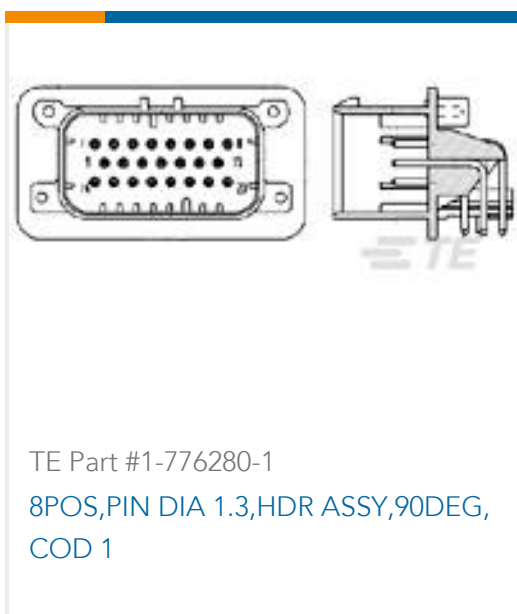
## Compatible Parts



## Also in the Series | AMPSEAL



## Customers Also Bought



## Documents

### Product Drawings

8POS, AMPSEAL, SOC HSG ASSY, SLD, COD 1

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_776286-1\\_G.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_776286-1\\_G.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_776286-1\\_G.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages



[AMPSEAL Connector Catalog](#)

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[ICT Terminals and Connectors Catalogue](#)

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[CONNECTOR SELECTOR](#)

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[Product Specifications](#)

[Engineering Report](#)

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[Agency Approvals](#)

[UL Report](#)

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