

1564724-1 ✓ ACTIVE

AMP | Sensor Flat Contact System

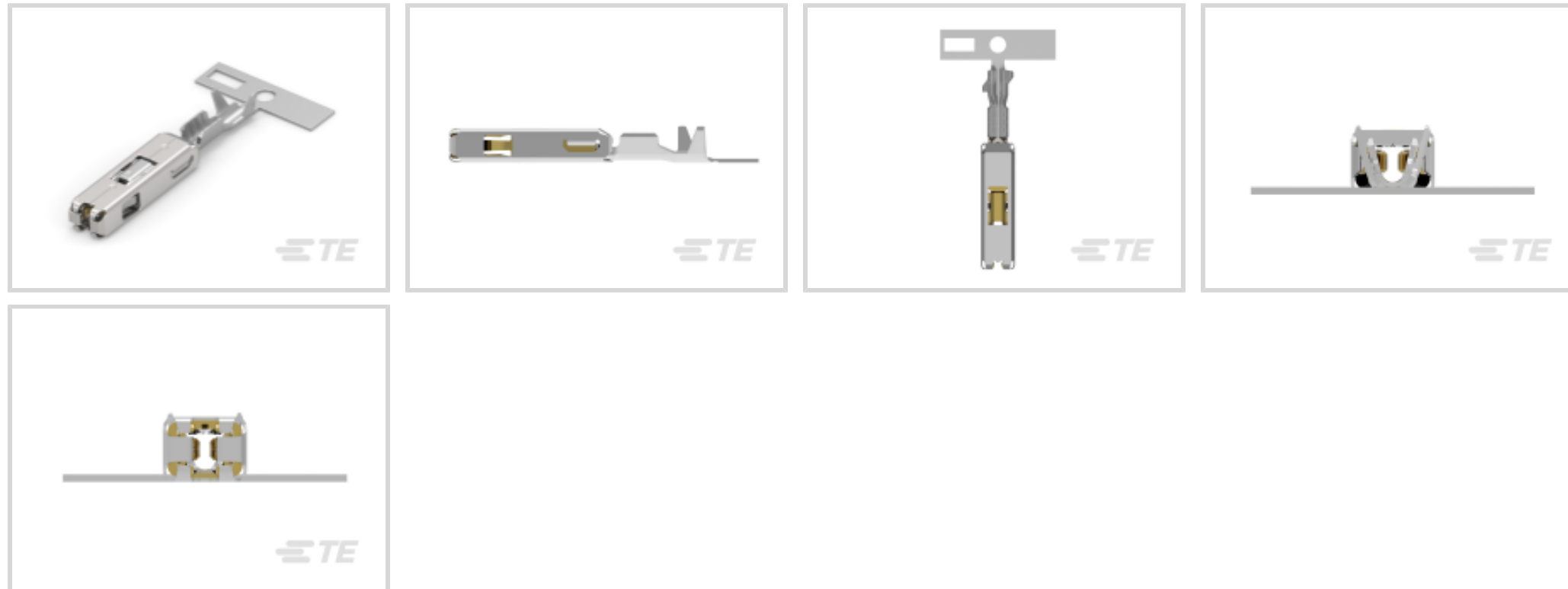
TE Internal #: 1564724-1

Receptacle, Mating Tab Width 1.5 mm [.059 in], Tab Thickness .6 mm [.024 in], 22 – 20 AWG Wire Size, Sensor Flat Contact System, Automotive Terminals

[View on TE.com >](#)



Terminals & Splices > Automotive Terminals > AMP MCP, SFC, RECEPTACLE



Terminal Type: **Receptacle**

Mating Tab Width: 1.5 mm [.059 in]

Mating Tab Thickness: .6 mm [.024 in]

Terminal Transmits: 0 – 24 A (Low Power)

Wire Size: 22 – 20 AWG

[All AMP MCP, SFC, RECEPTACLE \(17\)](#)

### Features

#### Industry Standards

Compatible With Agency/Standards Products	LV214
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#### Operation/Application

Compatible With Wire Base Material	Copper
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#### Packaging Features

Packaging Method	Reel
Packaging Quantity	7000

#### Usage Conditions

Insulation Option	Uninsulated
Operating Temperature (Max)	130 °C, 80 °C, 125 °C, 105 °C, 90 °C, 100 °C, 85 °C, 145 °C, 150 °C, 140 °C, 110 °C, 120 °C[293 °F][248 °F][221 °F][230 °F][176 °F][194 °F][185 °F][302 °F][284 °F][212 °F][266 °F][257 °F]
Operating Temperature Range	-40 – 150 °C[-40 – 302 °F]



### Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

### Product Type Features

Receptacle Style	180°
Sealable	No
Primary Locking Feature	Clean Body

### Dimensions

Compatible Insulation Diameter Range	1.2 – 1.6 mm [.047 – .063 in]
Wire Size	.35 – .5 mm <sup>2</sup>
Wire Size Search	.35 mm <sup>2</sup> , .5 mm <sup>2</sup> , .4 mm <sup>2</sup>

### Contact Features

Typical Current Rating	11 A
Crimp Type	F-Crimp
Contact Size	1.5mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Gold
Terminal Type	Receptacle
Mating Tab Width	1.5 mm [.059 in]
Mating Tab Thickness	.6 mm [.024 in]
Interface Plating	Gold (Au)

### Other

Terminal Transmits	0 – 24 A (Low Power)
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

### 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: JUNE 2024 (241)  
 Candidate List Declared Against: JUNE 2024 (241)  
 Does not contain REACH SVHC

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

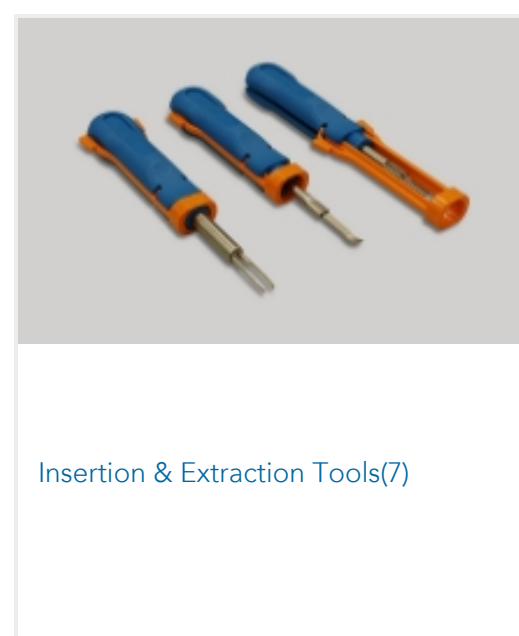
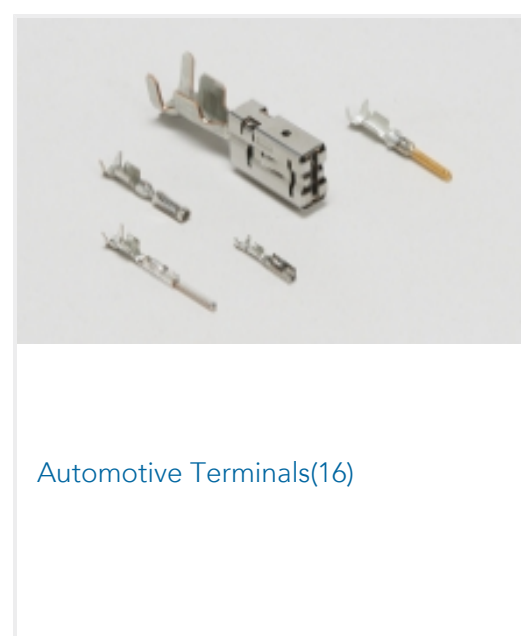
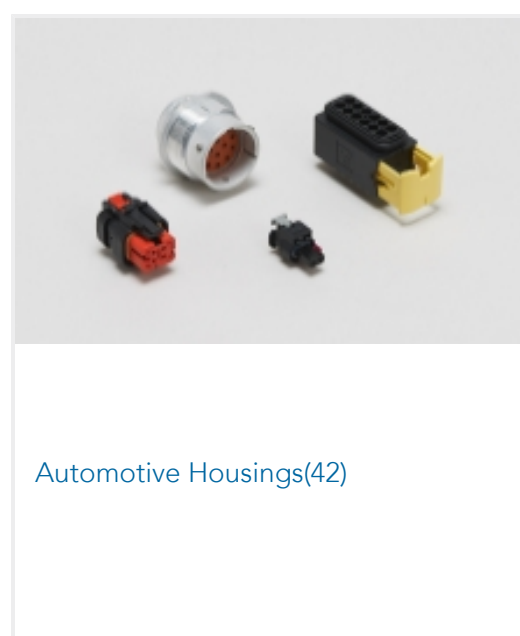
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



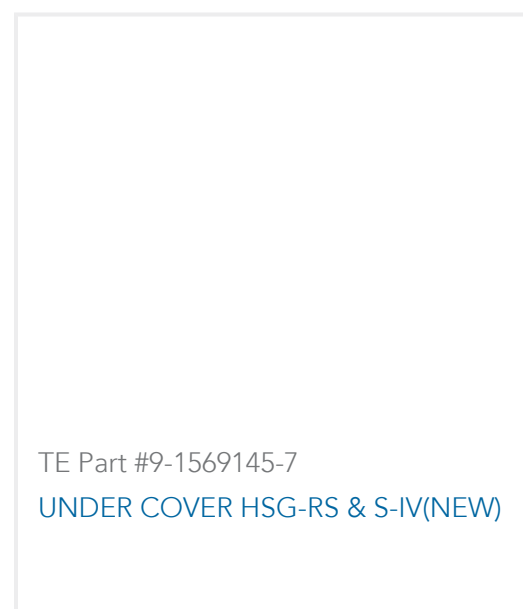


Also in the Series | **Sensor Flat Contact System**



Customers Also Bought





## Documents

### Product Drawings

1.5MM SFC,CONTACT

German

1.5MM SFC,CONTACT

English

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1564724-1\\_A\\_c-1564724-1-a.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1564724-1\\_A\\_c-1564724-1-a.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1564724-1\\_A\\_c-1564724-1-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

German

Application Specification

German

Application Specification

English

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