967543-1 ✔ ACTIVE

AMP | 1.5/2.8 Connector System, Sensor Flat Contact System

TE Internal #: 967543-1

Receptacle, Mating Tab Width 2.8 mm [.11 in], Tab Thickness .8 mm [.031 in], 17 – 13 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: **2.8 mm [.11 in]**

Mating Tab Thickness: **.8 mm [.031 in]**

Terminal Transmits: **0 – 24 A (Low Power)**

Wire Size: **17 – 13 AWG**

All AMP MCP, SFC, RECEPTACLE (19)

Features

Product Type Features

Receptacle Style	180°
Sealable	Yes
Primary Locking Feature	Clean Body

Body Features

Terminal Seal Type	Single Wire Seal (SWS)

Contact Features

Contact Size	2.8mm
Contact Fabrication	Stamped & Formed
Wire Contact Termination Area Plating Material	Tin
Typical Current Rating	12 A
Crimp Type	F-Crimp
Terminal Type	Receptacle
Mating Tab Width	2.8 mm[.11 in]
Mating Tab Thickness	.8 mm[.031 in]
Interface Plating	Tin (Sn)

Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire

Dimensions

Compatible Insulation Diameter Range	1.9 – 3 mm[.074 – .117 in]
Wire Size	1 – 2.5 mm^2
Wire Size Search	13 AWG, 14 AWG, 15 AWG, 16 AWG, 17 AWG

Usage Conditions

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

Operation/Application

Compatible With Wire Base Material	Copper

Industry Standards

Compatible With Agency/Standards Products	LV214

Packaging Features

Packaging Quantity	4000
Packaging Method	Reel

Other

Terminal Transmits	0 – 24 A (Low Power)

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



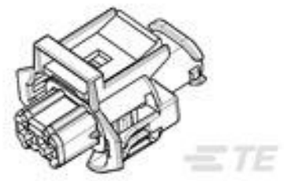
TE Part # 4-1579007-3
EXTRACTION TOOL KIT



TE Part # 1579007-1
AUSDRUECKWERKZEUG



TE Part # 2050046-1
2POS 2.8MM SENSOR PLUG ASSY.



TE Part # 936059-1
2.8MM SLD 2P PLUG ASSY



TE Part # 828905-1
SINGLE-WIRE-SEAL(5MM HOLE)



TE Part # 828904-2
SINGLE WIRE SEAL FOR J.P.T.CON



TE Part # 1976143-1
SDE COMMERCIAL TOOL OR DIE



TE Part # CAT-AM705-CH8172
AMP MCP, SEALED CONNECTOR HOUSING



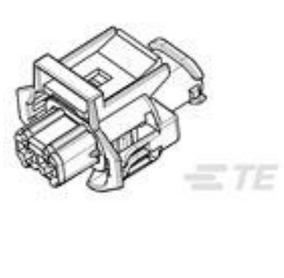
TE Part # 1-1718624-2
2 POS HSG AMP MCP 2.8 ASSY



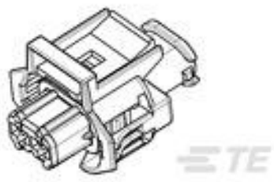
TE Part # 2151346-1
OCEAN_2.0_APPLICATOR-S-100F165O-RSM



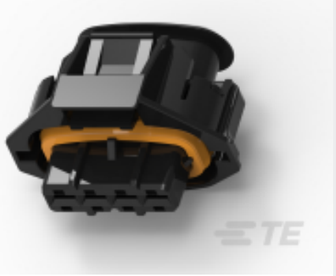
TE Part # 1480968-1
ASSY 4 POSN. 2,8MM REC.



TE Part # 936060-1
2.8MM SLD 3P PLUG ASSY-TDC



TE Part # 1-936059-1
2.8MM SLD 2P PLUG ASSY



TE Part # 2050052-1
4POS 2.8MM SENSOR PLUG ASSY.



TE Part # 828904-1
SINGLE WIRE SEAL FOR J.P.T.CON



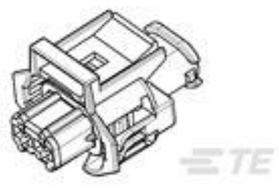
TE Part # 1-2333508-1
AMP MCP 2.8 SOCKET HSG 21 POS SEALED



TE Part # 1599099-1
HSG ASSY 2 POSN,2.8mm REC



TE Part # 1976143-2
PRO-CRIMPER DIE



TE Part # 2-936060-1
2.8MM SLD 3P PLUG ASSY



TE Part # 2050049-1
3POS 2.8MM SENSOR PLUG ASSY

Also in the Series | 1.5/2.8 Connector System



Automotive Connector Caps & Covers (4)



Automotive Housings(27)



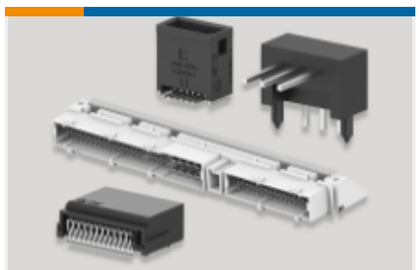
Automotive Terminals(50)



Insertion & Extraction Tools(1)



Other Automotive Connector Accessories(1)



PCB Headers & Receptacles(1)

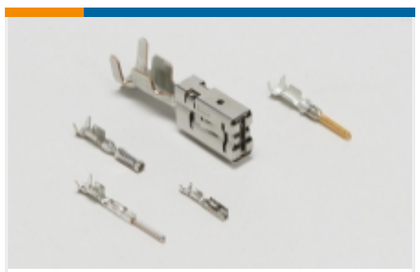
Also in the Series | Sensor Flat Contact System



Automotive Connector Caps & Covers (9)



Automotive Housings(42)



Automotive Terminals(18)



Insertion & Extraction Tools(7)

Customers Also Bought



TE Part #1554723-1
1.0 SEALED RECEPTACLE CONTACT



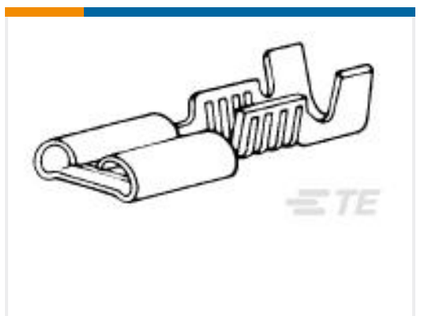
TE Part #60195-2
205 FASTON FLAG REC 20-14 AWG TPBR



TE Part #3-2112780-7
18POS, MIXED,REC HSG,ASSY, SEALED



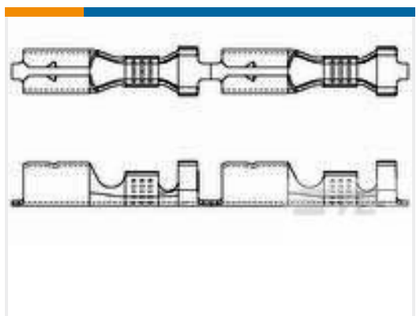
TE Part #9-1719678-9
48 POS MIXED REC HSG



TE Part #880683-1
.250 SERIES FASTON



TE Part #2290490-1
16POS,1.0 SERIES,REC HSG ASSY,SLD



TE Part #626399-1
.140 SHUR PLUG REC.



TE Part #880622-1
TERMINAL REC. , SPECIAL TAB

TE Part #2112758-1
COVER



TE Part #170058-1
FF 110 TAB 24-20AWG BR

Documents

Product Drawings

SENSOR FLA-KONT 2,8

English

SENSOR FLA-KONT 2,8

English

SENSOR FLA-KONT 2,8

English

SENSOR FLA-KONT 2,8

English

CAD Files

Customer View Model

ENG_CVM_967543-1_C5.3d_igs.zip

English

Customer View Model

ENG_CVM_967543-1_C5.3d_stp.zip

English

Customer View Model

ENG_CVM_967543-1_C5.2d_dxf.zip

English

3D PDF

English

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Product Specifications

Application Specification

German

Application Specification

English

Application Specification

English

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

2-292161-3 2310537-1 3430B2F51RTDF 1-962915-1 175977-2 3631B101LL CPF0402B37K4E1 CRGCQ2010J3K3 1393431-1 141991-2 1743455-2 RH73H2A40MKTN ROX05SJ18R SBCHE64R7K TE50BR39J 1903112-2 2377783-2 3-1393225-0 936348-1 MPT100C18RF U5254-000005-030PA SBCHE154R7K 2005330-1 2380312-2 SMW73R0JT 1969656-1 2834055-1 917696-1 1-794222-0 650075-000