

5-535541-7

✓ ACTIVE

AMPMODU | Modu Connector System

TE Internal #: 5-535541-7

PCB Mount Receptacle, Vertical, Board-to-Board, 9 Position, 2.54 mm [.1 in] Centerline, Gold, Through Hole - Solder, Signal, Modu Connector System

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Connectors > PCB Connectors > PCB Headers & Receptacles

PCB Connector Assembly Type: **PCB Mount Receptacle**PCB Mount Orientation: **Vertical**Connector System: **Board-to-Board**Number of Positions: **9**Number of Rows: **1****Features****Product Type Features**

Applied Pressure	Standard
PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Stackable	Yes
PCB Mount Orientation	Vertical
Number of Positions	9
Number of Rows	1
Board-to-Board Configuration	Parallel

Electrical Characteristics

Dielectric Withstanding Voltage (Max)	750 VAC
Insulation Resistance	5000 MΩ
Operating Voltage	333 VAC

Body Features

Connector Profile	Standard
Primary Product Color	Black

Contact Features

Contact Protection Type	Closed Entry Housing
Mating Square Post Dimension	.64 mm [.025 in]
PCB Contact Termination Area Plating Material Thickness	3.81 – 50 μ m
Contact Layout	Inline
Contact Shape & Form	Square
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Mating Area Plating Material	Gold
Contact Mating Area Plating Material Thickness	.762 μ m [30 μ in]
Contact Type	Socket
Contact Current Rating (Max)	3 A

Termination Features

Rectangular Termination Post & Tail Thickness	.2 mm [.008 in]
Rectangular Termination Post & Tail Width	.7 mm [.028 in]
Termination Post & Tail Length	3.18 mm [.125 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Mating Alignment	Without
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount

Housing Features

Mating Entry Location	Top
Centerline (Pitch)	2.54 mm [.1 in]
Housing Material	Polyester - GF

Dimensions

Connector Height	3.56 mm [.14 in]
Stack Height	9.02 mm [.355 in]
PCB Thickness (Recommended)	1.4 – 2.4 mm [.055 – .094 in]

Usage Conditions

Housing Temperature Rating	Standard
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Operating Temperature Range -65 – 125 °C[-85 – 257 °F]

Operation/Application

Solder Process Feature	Board Standoff
Circuit Application	Signal

Industry Standards

Compatible With Approved Standards Products	CSA LR7189, UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	25
Packaging Type	Box, Tube

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 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

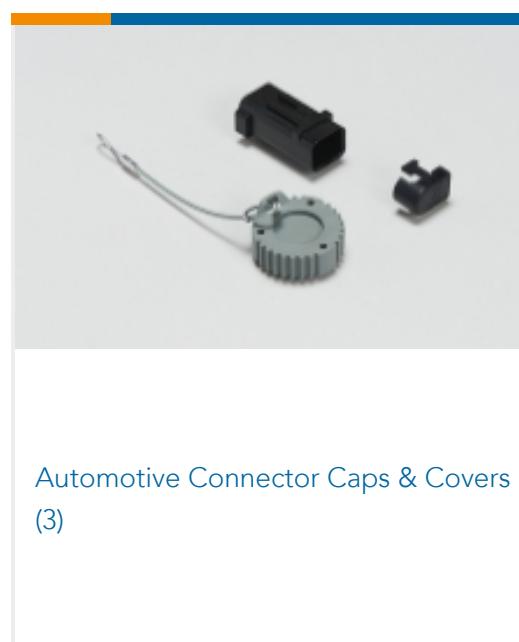
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

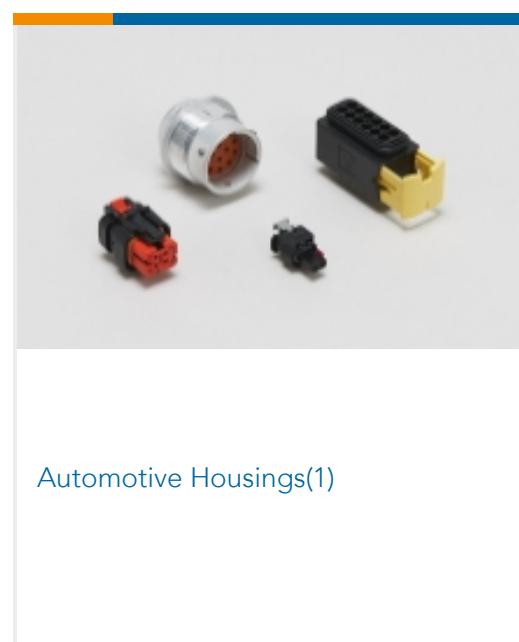


TE Part # 86286-1
KEYING PLUG

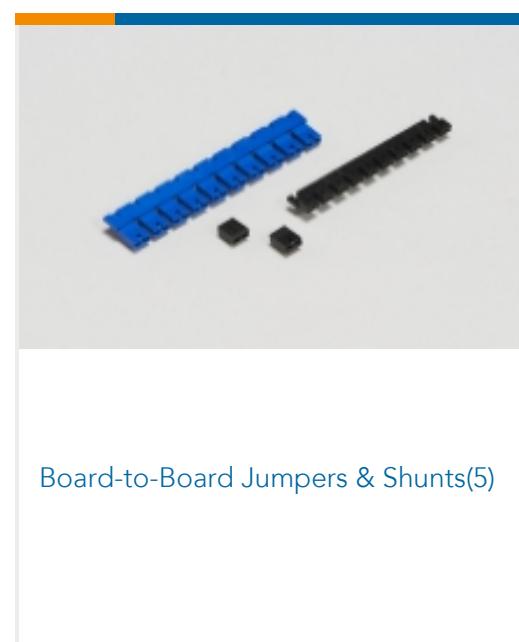
Also in the Series | Modu Connector System



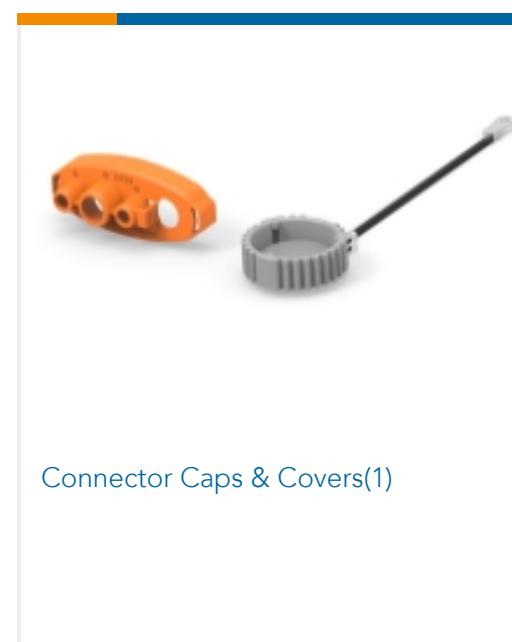
Automotive Connector Caps & Covers (3)



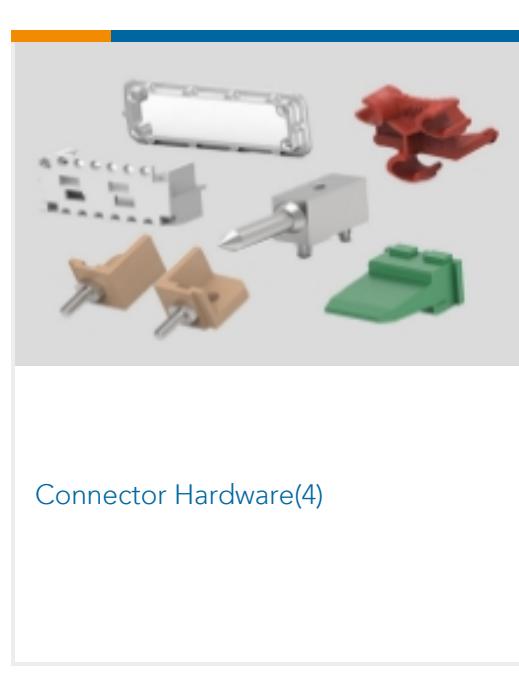
Automotive Housings(1)



Board-to-Board Jumpers & Shunts(5)



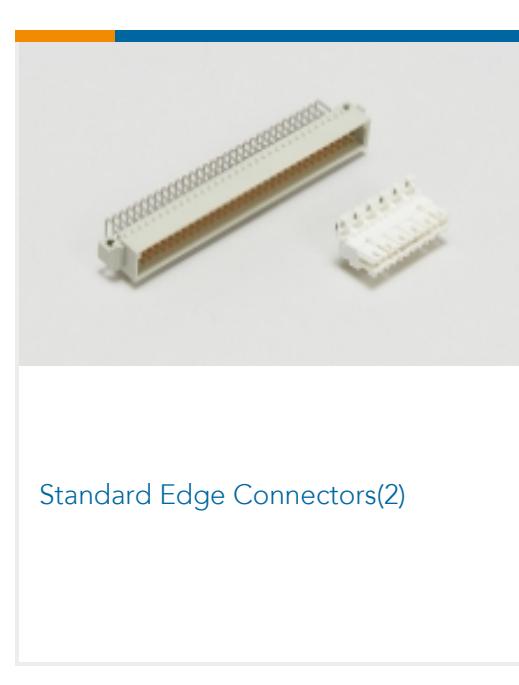
Connector Caps & Covers(1)



Connector Hardware(4)



PCB Headers & Receptacles(1244)

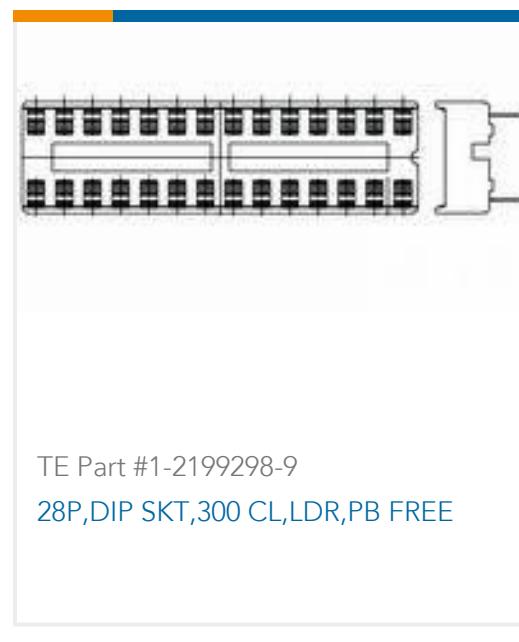


Standard Edge Connectors(2)

Customers Also Bought



TE Part #5747840-5
HD-20 PLUG RA .318 FMS BD-LK S



TE Part #1-2199298-9
28P,DIP SKT,300 CL,LDR,PB FREE



TE Part #6-1393243-1
RT424006



TE Part #5-146257-3
06 MODII HDR DRST B/A .100CL LF



TE Part #2-2176094-5
RP 2A 0.25W 210K 0.1% 25PPM 1K RL



TE Part #7-1624112-6
3650 0603 16nH 5% 2K RL



TE Part #5-535541-4
06 MODIV VRT SR CE 100/115



TE Part #2351886-5
5POS TB HDR 180 DEG, PITCH 3.5, TL
3.4mm



Documents

Product Drawings

[09 MODIV VRT SR CE 100/115](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_5-535541-7_N.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_5-535541-7_N.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_5-535541-7_N.2d_dxf.zip](#)

English

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Datasheets & Catalog Pages

[AMPMODU_INTERCONNECTION_SYSTEM_SECTIONS](#)

English

Product Specifications

[Application Specification](#)

English