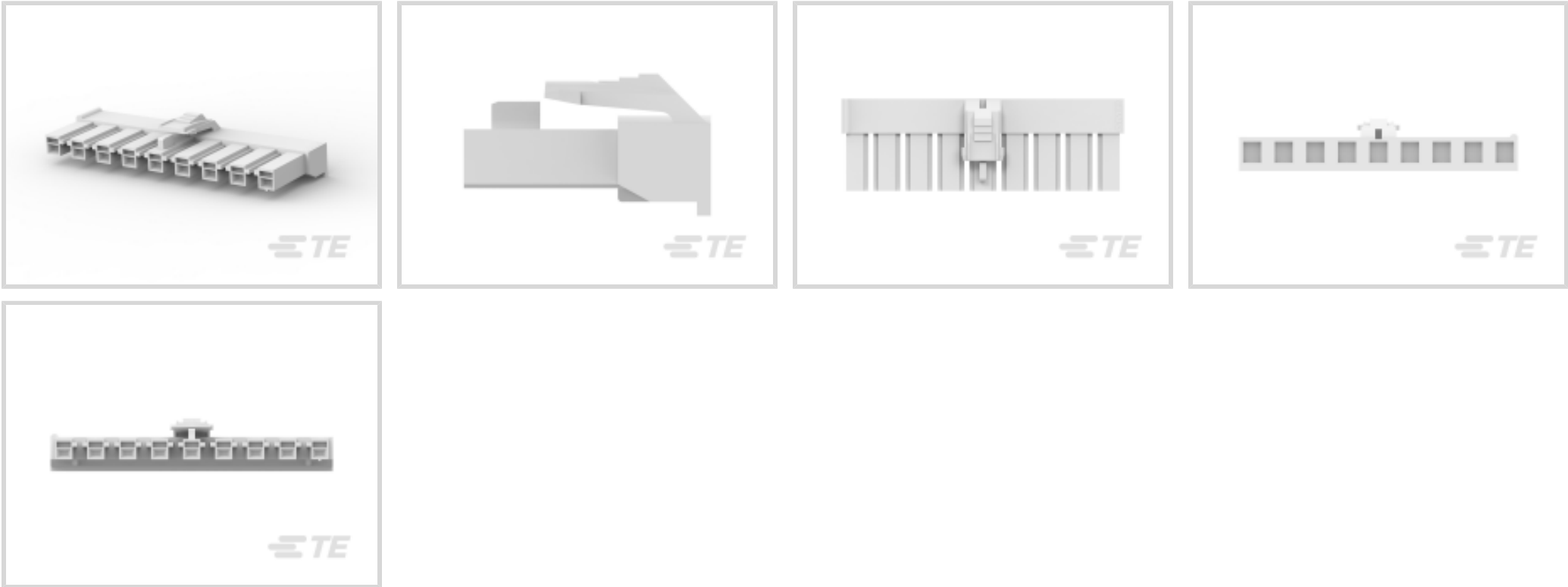




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **9**

Centerline (Pitch): **6.2 mm [.244 in]**

Features

Dimensions

Product Length	54.7 mm[2.15 in]
Connector Height	7.5 mm[.3 in]

Packaging Features

Packaging Quantity	500
Packaging Method	Bag

Electrical Characteristics

Insulation Resistance	1000 MΩ
Operating Voltage	300 VAC

Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	Without
Mating Retention Type	Latch
PCB Mount Retention	Without
Mating Retention	With



Mating Alignment Type	Polarization
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Contact Features

Contact Layout	Inline
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	7 A
Contact Retention Within Housing	Without
Contact Type	Receptacle

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Board, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	9
Number of Power Positions	0
Number of Signal Positions	0
Number of Rows	1

Termination Features

Termination Method to Wire & Cable	Crimp
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Housing Features

Centerline (Pitch)	6.2 mm[.244 in]
Housing Color	Natural
Housing Material	Nylon 6/6

Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

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UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

For compliance documentation, visit the product page on TE.com>

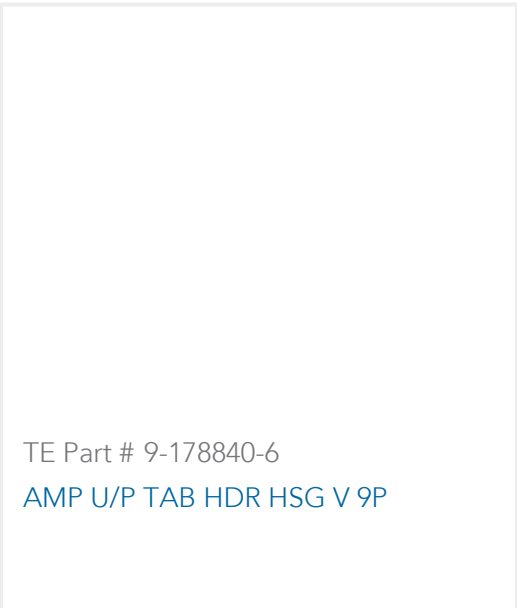
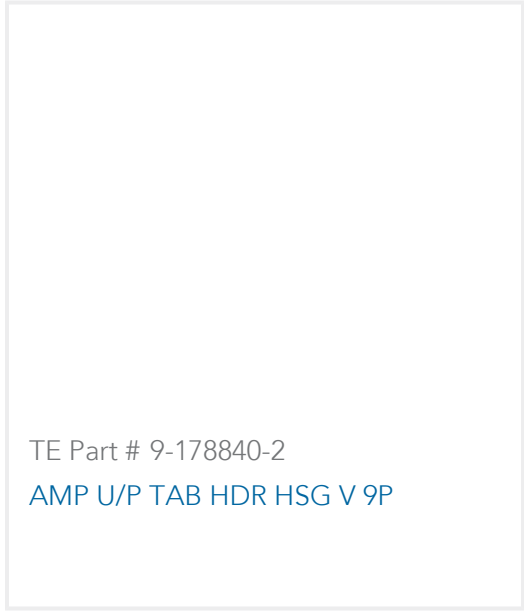
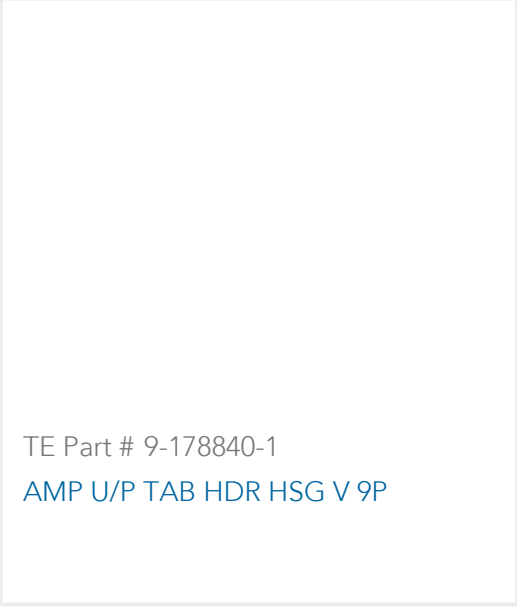
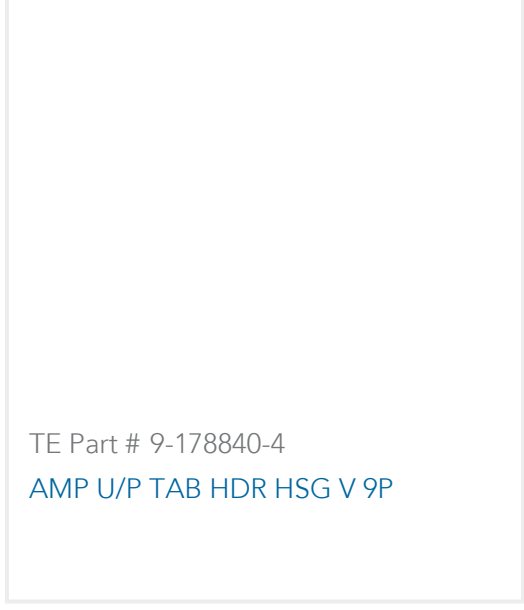
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does 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



 TE Part # 9-178840-6 AMP U/P TAB HDR HSG V 9P	 TE Part # 175152-2 AMP UNIVE. POWER CONN REC CONT	 TE Part # 175155-2 U/P REC CONT L/P	 TE Part # 175152-3 UNIV POWER REC CONT
 TE Part # 175152-4 UNIVESAL POWER REC CONT #20-16	 TE Part # 9-178840-9 AMP U/P TAB HDR HSG V 9P BLACK	 TE Part # 175155-1 UNIV POWER REC CONT L/P	 TE Part # 9-178840-2 AMP U/P TAB HDR HSG V 9P
 TE Part # 9-178840-1 AMP U/P TAB HDR HSG V 9P	 TE Part # 175152-1 UNIVERSAL POWER REC	 TE Part # 175151-4 UNIVESAL POWER REC CONT #26-22	 TE Part # 175156-1 UNIV POWER REC CONT L/P
 TE Part # 175156-2 U/P REC CONT L/P	 TE Part # 6-178841-4 AMP U/P SGL ROW HDR ASSY V 9P	 TE Part # 6-178841-1 AMP U/P SGL ROW HDR ASSY V 9P	 TE Part # 9-178840-4 AMP U/P TAB HDR HSG V 9P
 TE Part # 175151-5 AMP UNIVERSAL POWER CONN.REC C	 TE Part # 175151-1 AMP UNIVERSAL POWER REC CONT.	 TE Part # 175151-2 AMP UNIVE. POWER CONN REC CONT	

Also in the Series | AMP Universal Power



Connector Contacts(22)



Insertion & Extraction Tools(1)



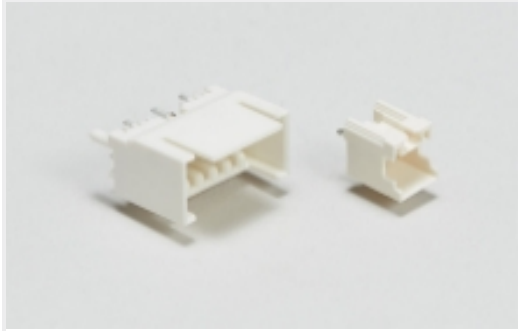
PCB Headers & Receptacles(51)



Power Contacts(21)

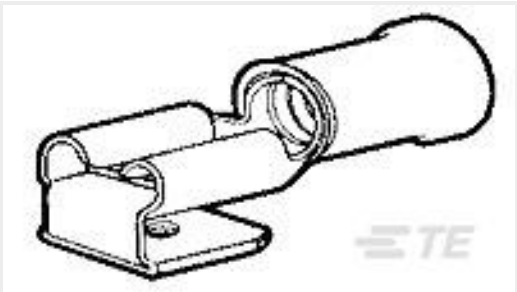


Rectangular Power Connectors(112)



Wire-to-Board Headers & Receptacles (51)

Customers Also Bought



TE Part #9-160463-2
FASTON, PGYBCK, PIDG, BRASS, .250, 16-14



TE Part #3-644460-3
03P MTA156 CONN ASSY 18AWG ORA



TE Part #32994
TERMINAL,SOLIS R 12-10 8



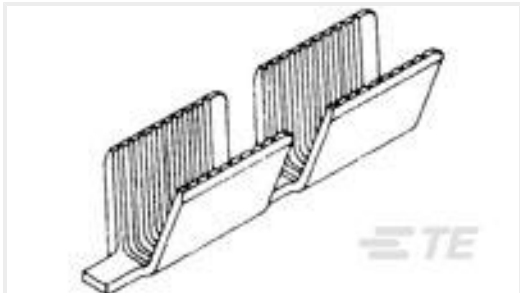
TE Part #3-643818-6
06P MTA156 CONN ASSY 20AWG YEL



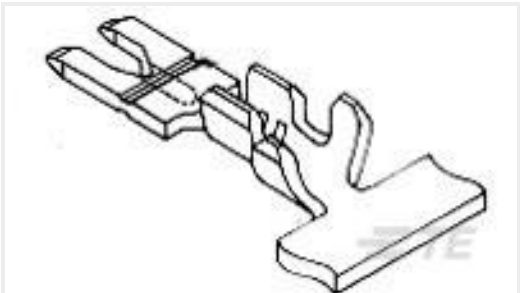
TE Part #350699-7
UMNL SPLIT PIN AUNI/BR



TE Part #41125
RING 12-10 AWG TPBR



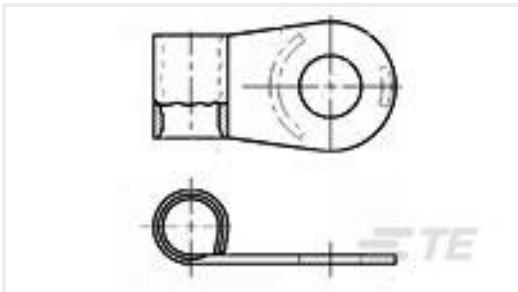
TE Part #62303-2
AMVAR SPLC 400-1500 016TPBR



TE Part #63397-1
MAG-MATE POKE-IN TAB 0198 TPBR



TE Part #2-33459-6
TERMINAL,SOLIS R 12-10 5/16



TE Part #321060
TERMINAL,SOLIS FLAG R 4 5/16

Documents



Product Drawings

AMP U/P SGL ROW PLUG HSG 9P

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_9-178842-1_B.3d_igs.zip

English

Customer View Model

ENG_CVM_9-178842-1_B.3d_stp.zip

English

Customer View Model

ENG_CVM_9-178842-1_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_9-178842-1_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_9-178842-1_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_9-178842-1_C.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Crimping of Universal Power Contact

English

Product Specification

Japanese

AMP Universal Power Connector

Japanese

Instruction Sheets

Extraction Tool for UP(913923-1)

English

Instruction Sheet (non U.S.)

English

AMP UNIVERSAL POWER CONNECTOR SERIES

English

Instruction Sheet (non U.S.)



English

[Hand Tool, PN 914181-1, Universal Power Contact \(Was IS-505J\)](#)

Japanese

[Instruction Sheet \(non U.S.\)](#)

English

[Agency Approvals](#)

[UL Report](#)

English