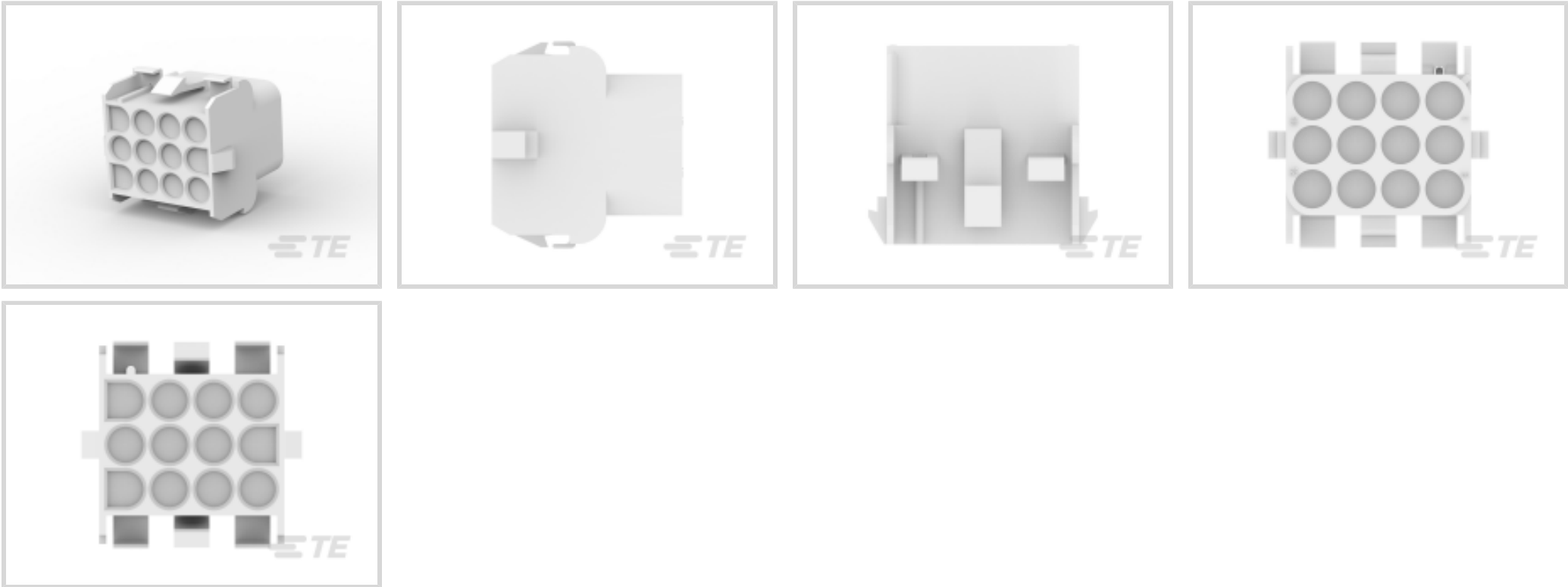




Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Wire**

Number of Positions: **12**

Centerline (Pitch): **6.35 mm [.25 in]**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	12
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Body Features

Primary Product Color	Natural
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Contact Features

Multiple Contact Types	Without
Contact Layout	Matrix

Mechanical Attachment

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Panel Mount Feature	With
Panel Mount Feature Type	Patch & Tabs
Connector Mounting Type	Panel Mount

Housing Features

Centerline (Pitch)	6.35 mm[.25 in]
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Dimensions

Panel Thickness (Recommended)	.76 – 2.29 mm[.03 – .09 in]
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL, VDE
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
CSA Rating	Certified, LR 7189

Packaging Features

Packaging Quantity	900
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Product Compliance

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

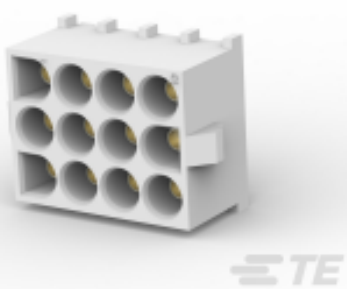
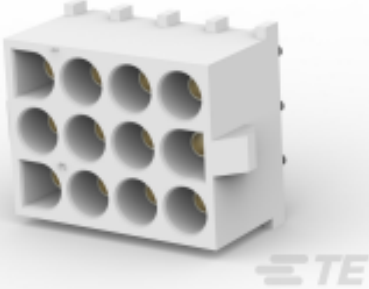
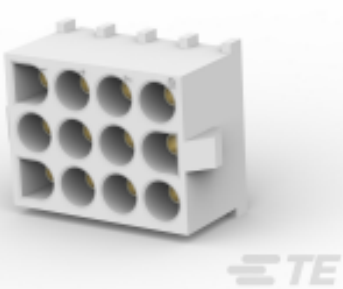
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	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

 TE Part # 1-480705-0 06P UMNL CAP HSG NATL	 TE Part # 1-480707-0 09P UMNL CAP HSG NATL	 TE Part # 1-1863005-2 UMNL 12 WAY PLUG HOUSING	 TE Part # 1863005-1 12P UMNL PLUG HSG
 TE Part # 1586848-1 12P UMNL PLUG HSG, GW	 TE Part # 350737-1 12P UMNL PIN HDR ASSY 94VO	 TE Part # 641974-1 12P UMNL PIN HDR ASSY 94VO	 TE Part # 927231-5 UMNL CAP HSG 9WAY
 TE Part # 350764-5 12P UMNL HDR ASSY PC LF	 TE Part # 350836-4 12P UMNL HDR ASSY PC 94VO LF	 TE Part # 350829-4 12P UMNL HDR ASSY PC 94VO LF	 TE Part # 350783-1 12P UMNL CAP HSG
 TE Part # 1-1863006-2 UMNL 12 WAY CAP HOUSING	 TE Part # 1-350735-1 12P UMNL V0 PLUG HSG BROWN	 TE Part # 1-480707-2 09P UMNL CAP HSG RED	 TE Part # 1-480711-0 15P UMNL CAP HSG NATL

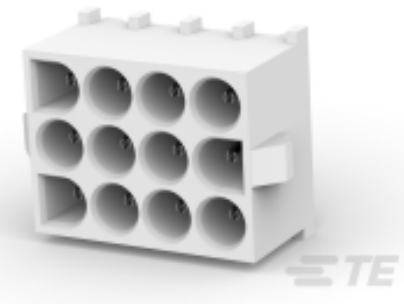




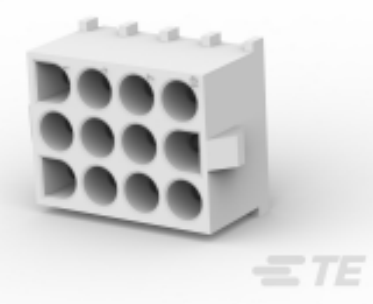
TE Part # 1-480708-2
12P UMNL PLUG HSG RED



TE Part # 1-480708-9
12P UMNL PLUG HSG BLK



TE Part # 1586176-1
12P UMNL PIN HDR 94VO NDH



TE Part # 350829-1
12P UMNL HDR ASSY PC 94VO

Also in the Series | Universal MATE-N-LOK



Circular Power Connectors(2)



Connector Caps & Covers(34)



Connector Contacts(208)



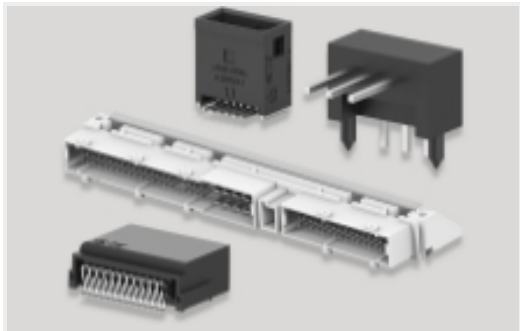
Connector Seals & Cavity Plugs(27)



Connector Strain Relief(7)



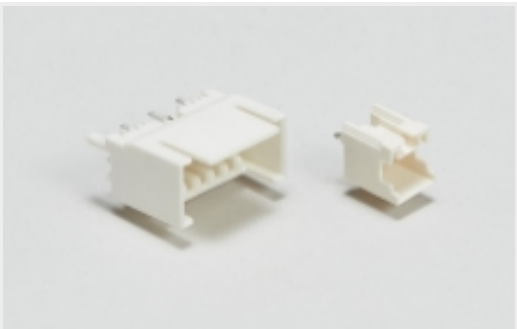
Insertion & Extraction Tools(4)



PCB Headers & Receptacles(286)



Rectangular Power Connectors(651)

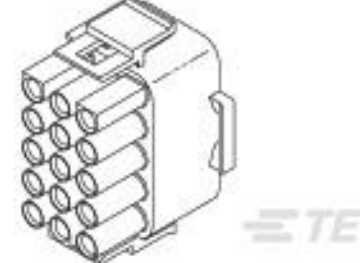


Wire-to-Board Headers & Receptacles
(286)

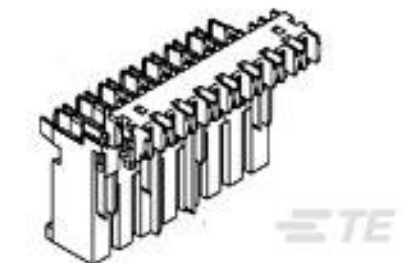
Customers Also Bought



TE Part #2-1971895-4
4P, RAST 5 Tab Header, THV



TE Part #1863007-1
15P UMNL PLUG HSG

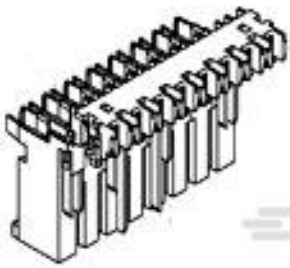


TE Part #1-282002-5
AMP MONO-SHAPE TAB CONN

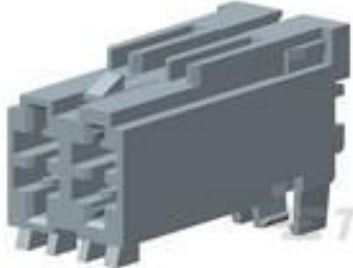


TE Part #1863005-1
12P UMNL PLUG HSG

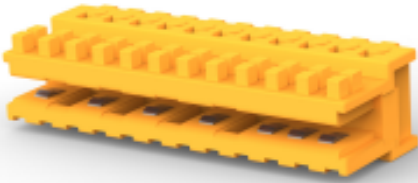




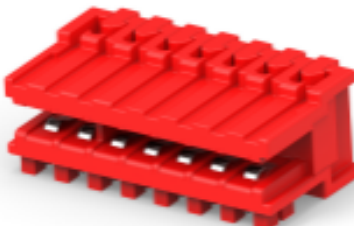
TE Part #1-293003-5
MONO SHAPE TAB CONNECTOR 5 POS



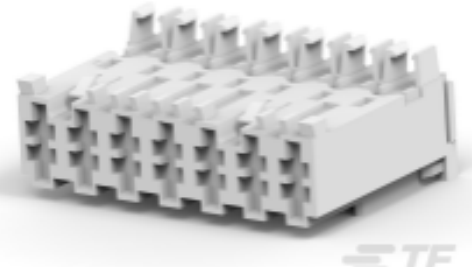
TE Part #2-293491-2
AMP MONO-SHAPE TAB CONN assy 2



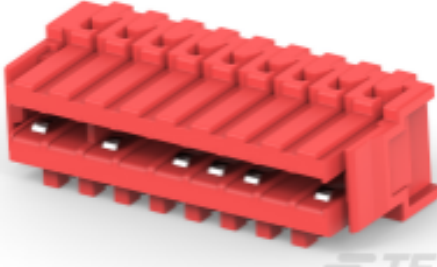
TE Part #2-293207-1
DUOPLUG Std.,11 pos,gwt750



TE Part #284932-7
DUOPLUG MKI STD,KEYED 2/3,7 POS, RED



TE Part #2293392-7
AMP MONO-SHAPE TAB CONN 7P. LIF UP 10A



TE Part #3-284866-9
DUOPLUG SIDE LOCK 9 POS SELECTIVELY LOAD

Documents

Product Drawings
12P UMNLCAP HSG

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_1863006-1_A_c-1863006-1-a.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1863006-1_A_c-1863006-1-a.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1863006-1_A_c-1863006-1-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

Agency Approvals
VDE Certificate

English

VDE Certificate
English

1863006-1

Housing, Receptacle, Crimp, Wire-to-Wire, UL 94V-2, 12 Position, Universal MATE-N-LOK, Rectangular Wire & Cable Connectors & Housings

