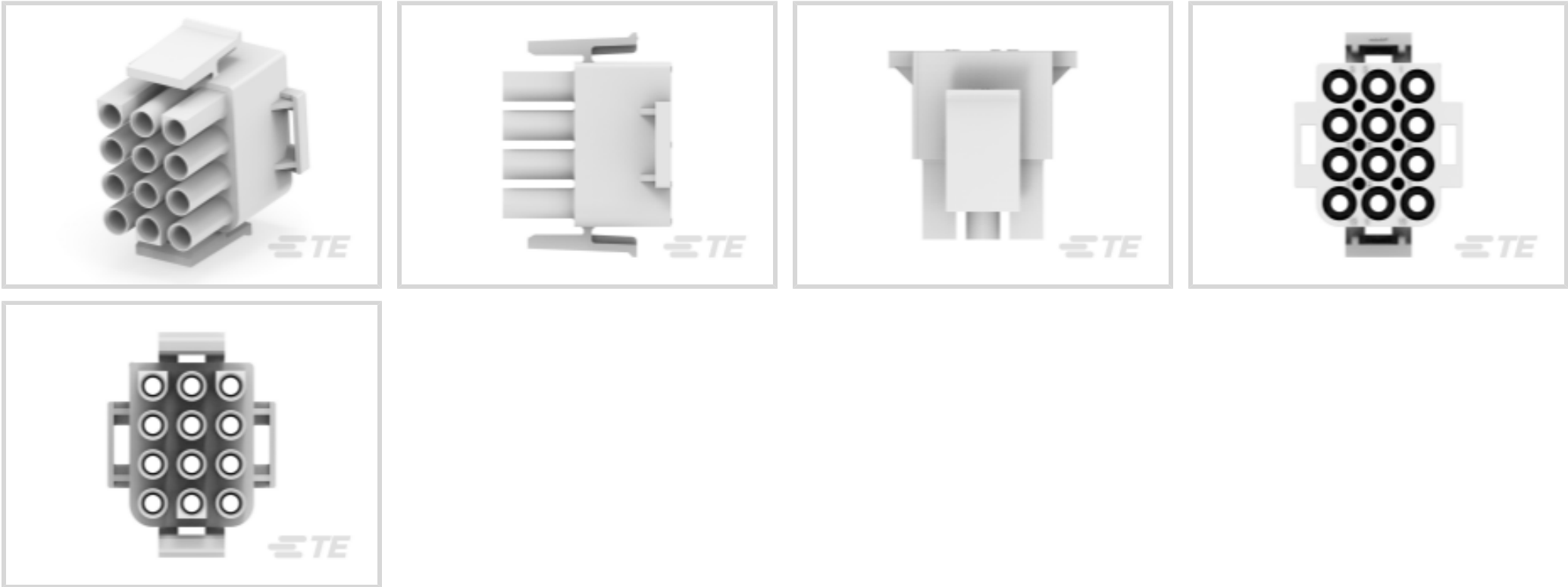




Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**
Connector & Housing Type: **Plug**
Termination Method to Wire & Cable: **Crimp**
Connector System: **Wire-to-Board, Wire-to-Wire**
Contact Retention Within Housing: **Without**

Features

Product Type Features

Connector Product 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	12
Number of Rows	3

Electrical Characteristics

Operating Voltage	600 VAC
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Body Features

Primary Product Color	Natural
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Contact Features

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Multiple Contact Types	Without
Contact Layout	Matrix
Contact Type	Socket
Contact Retention Within Housing	Without

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Housing Material	Nylon
Centerline (Pitch)	6.35 mm[.25 in]

Dimensions

Row-to-Row Spacing	6.35 mm[.25 in]
	.03 – .09 in

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
Glow Wire Rating	GWT 750°C (Without Flame)
UL Flammability Rating	UL 94V-2

Packaging Features

Packaging Quantity	1
Packaging Method	Package

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 2029314-1
09P UMNL PLUG HSG 150C-RED



TE Part # 794762-3
12P UMNL CAP HSG RED, PAN MNT



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



TE Part # 794727-1
12P UMNL CAP HSG NATL, BLACK



TE Part # 350783-1
12P UMNL CAP HSG



TE Part # 1-794762-8
12P UMNL CAP HSG, PAN MNT, GRAY



TE Part # 1-1863006-2
UMNL 12 WAY CAP HOUSING



TE Part # 1-480709-4
12P UMNL CAP HSG YELL



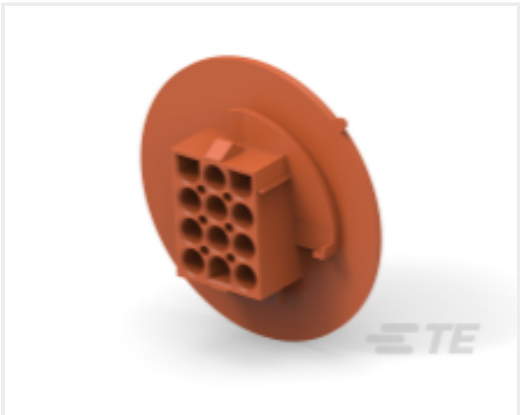
TE Part # 1-480708-9
12P UMNL PLUG HSG BLK



TE Part # 1-480709-9
12P UMNL CAP HSG BLK



TE Part # 1586844-1
09P UMNL PLUG HSG NATL, GW



TE Part # 1-794762-1
12P UMNL CAP HSG, PAN MNT, BROWN



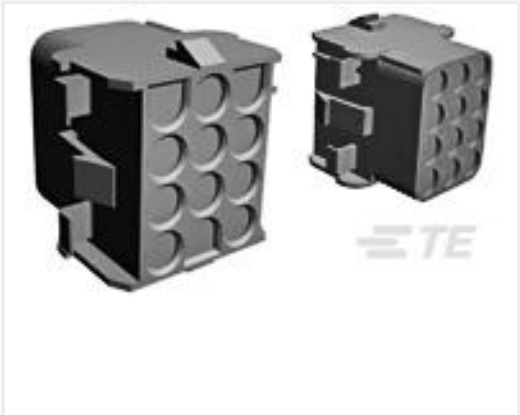
TE Part # 643255-1
12P UMNL ASSY MOD HSG VO



TE Part # 794096-1
06P UMNL PLUG



TE Part # 794762-1
12P UMNL CAP HSG WHITE, PAN MNT



TE Part # 2178620-1
UMNL 12 WAY CAP HOUSING



TE Part # 1586846-1
06P UMNL PLUG HSG NATL, GW



TE Part # 1586854-1
12P UMNL CAP HSG, GW



TE Part # 1-480708-0
12P UMNL PLUG HSG NATL



TE Part # 794716-1
12P UMNL CAP HSG NATL, PAN MNT

Also in the Series | Universal MATE-N-LOK



Circular Power Connectors(2)



Connector Caps & Covers(34)



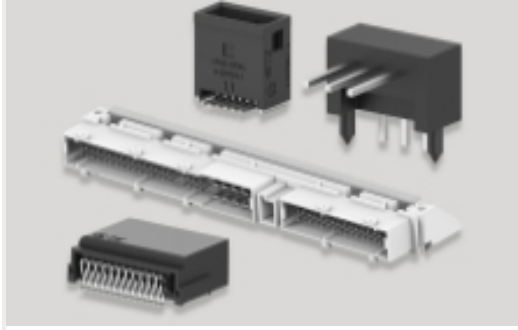
Connector Seals & Cavity Plugs(27)



Connector Strain Relief(7)



Insertion & Extraction Tools(4)



PCB Headers & Receptacles(286)



Rectangular Power Connectors(651)



Standard Circular Connectors(1)



Wire-to-Board Headers & Receptacles
(286)

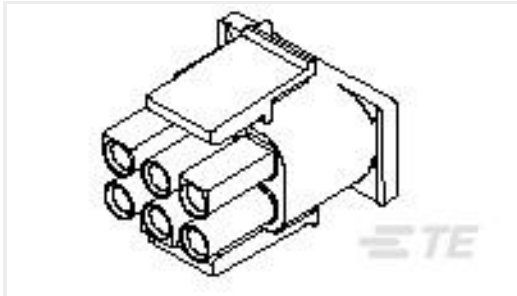
Customers Also Bought



TE Part #202507-1
CONTACT PIN ASSY.



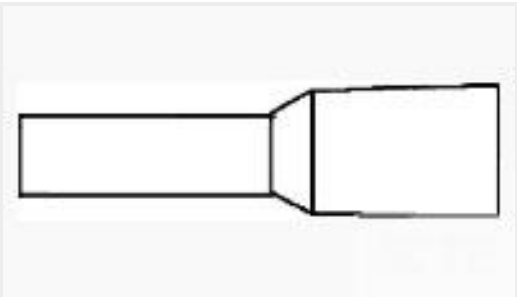
TE Part #1-1318115-6
DYNAMIC D-2100 TAB HSG 12P F/H



TE Part #1586846-1
06P UMNL PLUG HSG NATL, GW



TE Part #201568-1
CONTACT SOCKET ASSY.



TE Part #966067-7
FER,WIRE,PL SLV.,75/18,L12,GREY,LP



TE Part #1318111-1
DYNAMIC D-2 TAB CONT M L/P



TE Part #201570-1
CONTACT PIN ASSY.



TE Part #91576-1
CCII D-2 S REC TAB 28-24 ASSY



TE Part #3-179554-3
DYNAMIC D-3200 WTW TAB HSG 6P



TE Part #90684-1
SDE F DYNAMIC D3000 20-16 ASSY

Documents

Product Drawings

12P UMNL PLUG HSG, GW

English

CAD Files

Customer View Model

ENG_CVM_CVM_1586848-1_C1.3d_stp.zip

English

3D PDF



3D

Customer View Model

[ENG_CVM_CVM_1586848-1_C1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1586848-1_C1.2d_dxf.zip](#)

English

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Product Specifications

Application Specification

English

Agency Approvals

UL

English

UL

English