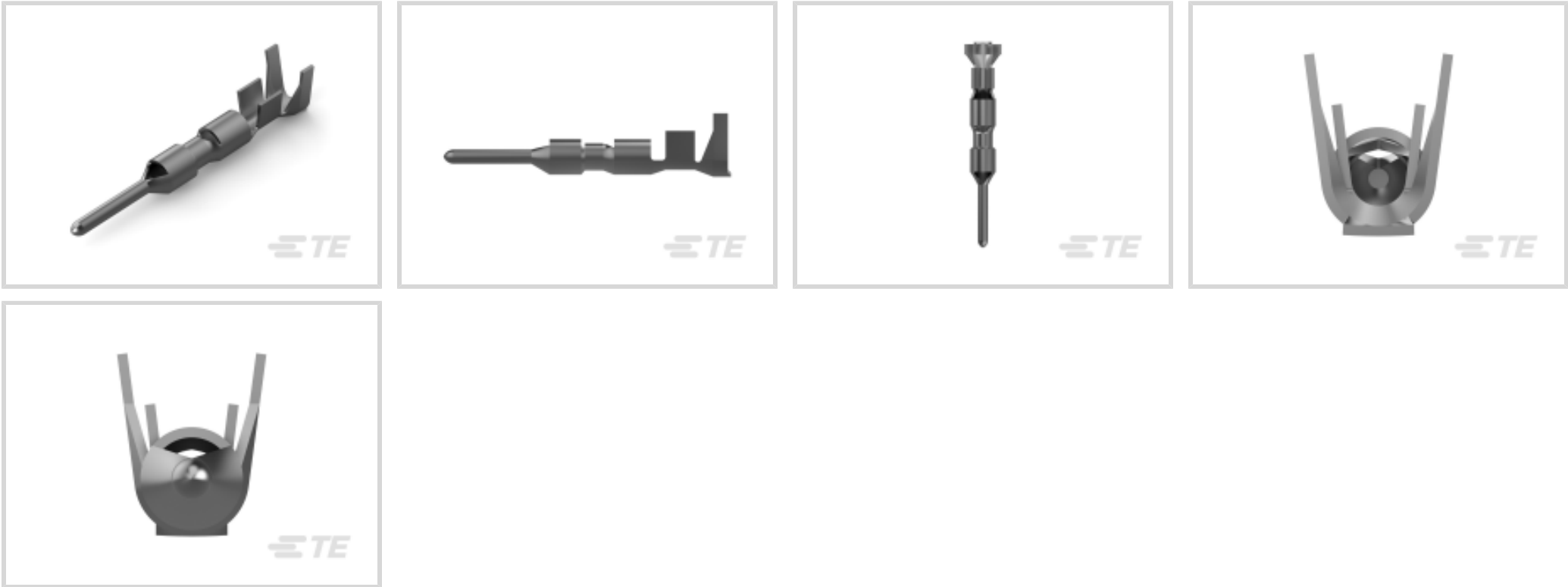




Connectors > Contacts > Connector Contacts



Contact Type: Pin

Contact Mating Area Plating Material: Tin (Sn)

Wire Contact Termination Area Plating Material: Pre-Tin

Operating Voltage: 600 VDC

Features

Product Type Features

Discrete Wire Type	Stranded
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Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features

Contact Orientation	Straight
Mating Pin Diameter	1 mm[.039 in]
Wire Contact Termination Area Plating Material Finish	Bright
Wire Contact Termination Area Plating Thickness	2.54 µm[100 µin]
Contact Type	Pin
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Retention Within Housing	Without
Contact Base Material	Brass
Contact Current Rating (Max)	10.5 A



Termination Features

Termination Method to Wire & Cable	Crimp
Product Terminates To	Wire & Cable

Mechanical Attachment

Wire Insulation Support	Without
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Dimensions

Compatible Insulation Diameter Range	1.5 – 2.39 mm[.059 – .094 in]
Wire Size	.3 – .9 mm ²

Usage Conditions

Operating Temperature Range	-20 – 85 °C[-4 – 185 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL
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Packaging Features

Packaging Quantity	4500
Packaging Method	Reel

Product Compliance

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

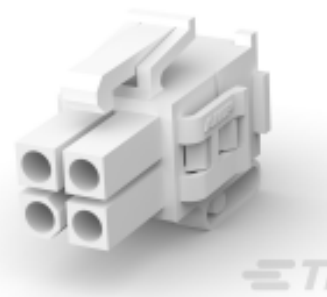
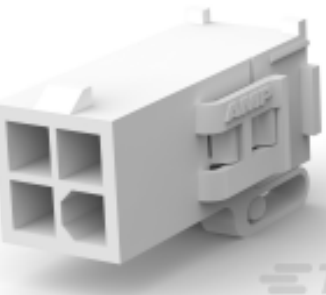
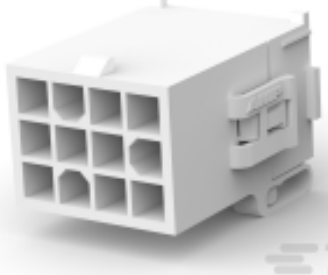
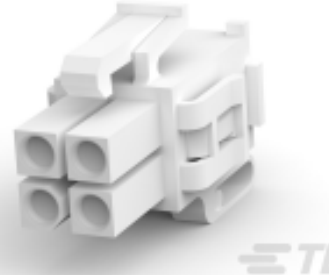
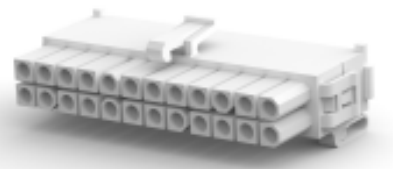
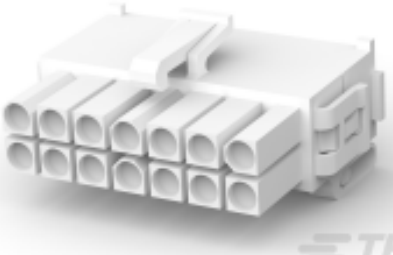
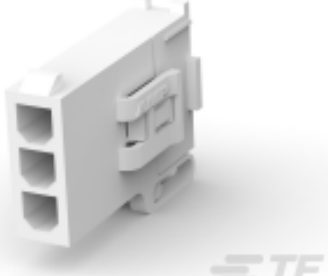
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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

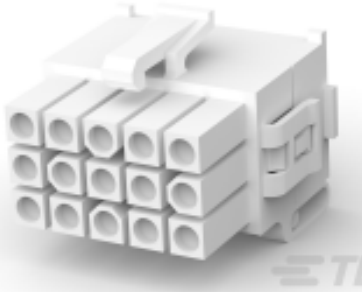
 TE Part # 794186-1 03P MINI UMNL2 PLUG HSG UL94V0	 KIT OCEAN_2.0_SPARE_PART_KIT-070F110F	 TE Part # 91522-1 CCII MINI UNML PIN SKT 22-18 ASSY	 TE Part # 794241-1 04P MINI UMNL2 PLUG HSG UL94V2
 TE Part # 794242-1 04P MINI UMNL2 CAP HSG UL94V2	 TE Part # 794201-1 12P MINI UMNL2 CAP HSG MATRIX	 TE Part # 794188-1 04P MINI UMNL2 PLUG HSG UL94V0	 TE Part # 794189-1 04P MINI UMNL2 CAP HSG UL94V0
 TE Part # 794194-1 09P MINI UMNL2 PLUG HSG UL94V0	 TE Part # 794214-1 24P MINI UMNL2 PLUG HSG UL94V0	 TE Part # 794244-1 06P MINI UMNL2 CAP HSG UL94V2	 TE Part # 794209-1 18P MINI UMNL2 CAP HSG UL94V0
 TE Part # 455830-1 INSERTION TOOL	 TE Part # 794202-1 14P MINI UMNL2 PLUG HSG UL94V0	 TE Part # 794238-1 02P MINI UMNL2 CAP HSG UL94V2	 TE Part # 794240-1 03P MINI UMNL2 CAP HSG UL94V2



TE Part # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 794207-1
16P MINI UMNL2 CAP HSG UL94V0



TE Part # 794204-1
15P MINI UMNL2 PLUG HSG UL94V0



TE Part # 794260-1
16P MINI UMNL2 CAP HSG UL94V2

Also in the Series | Mini-Universal MATE-N-LOK 2



Connector Contacts(34)



Insertion & Extraction Tools(1)



Power Contacts(33)



Rectangular Connector Housings(45)



Rectangular Power Connectors(45)



Standard Rectangular Connectors(45)

Customers Also Bought



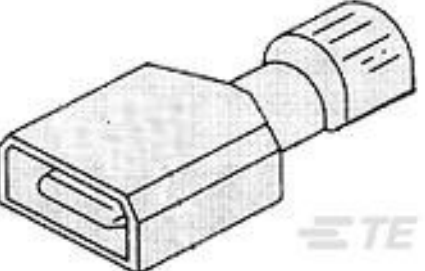
TE Part #794199-1
12P MINI UMNL2 CAP HSG DBLROW



TE Part #794184-1
02P MINI UMNL2 PLUG HSG UL94V0



TE Part #1744001-4
04P MTA156 HDR POL .045SQ TIN



TE Part #3-521142-2
ULTRA-FAST 250 ASY TAB 16-14 AWG TPBR



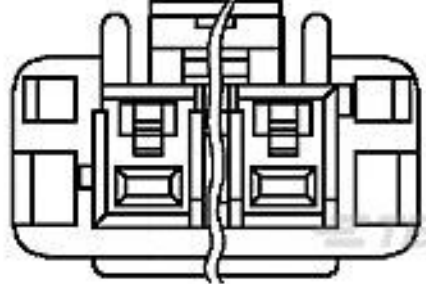
TE Part #3-1393117-0
KUP-11A55-24=KU



TE Part #5-177901-1
POWER DBL LOCK PLUG HSG 6P (GWT)



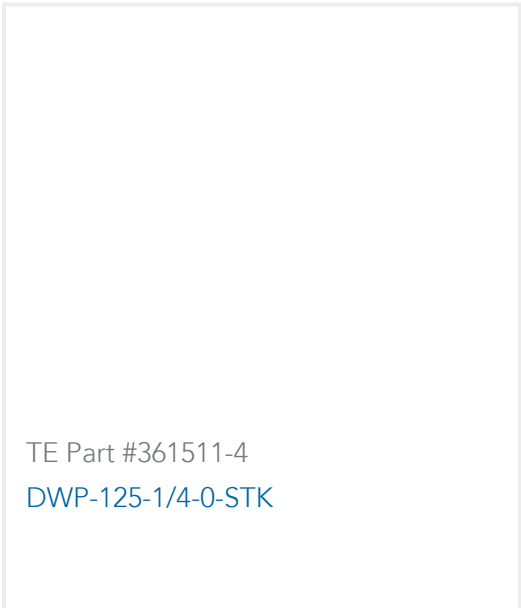
TE Part #770581-1
12P MINI UMNL PLUG HSG



TE Part #1376391-1
5MM POWER KEY 6P PLUG HSG NUT



TE Part #521368-2
ULTRA-POD 250 ASSY REC 22-18
AWG TPBR



TE Part #361511-4
DWP-125-1/4-0-STK

Documents

Product Drawings

MINI UMNL2 PIN 22-18 AWG SN

English

CAD Files

Customer View Model

ENG_CVM_794220-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_794220-1_F.3d_stp.zip

English

Customer View Model

ENG_CVM_794220-1_F.2d_dxf.zip

English

3D PDF

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_794220-1_J.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_794220-1_J.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_794220-1_J.3d_stp.zip

English

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

Datasheets & Catalog Pages

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

English

Product Specifications

Engineering Report

English

794220-1

Pin Contact, Tin (Sn), 600 VAC, 600 VDC, 22 – 18 AWG, .3 – .9 mm² Wire, Crimp,
Brass, Power, -20 – 85 °C [-4 – 185 °F], Mini-Universal MATE-N-LOK 2

