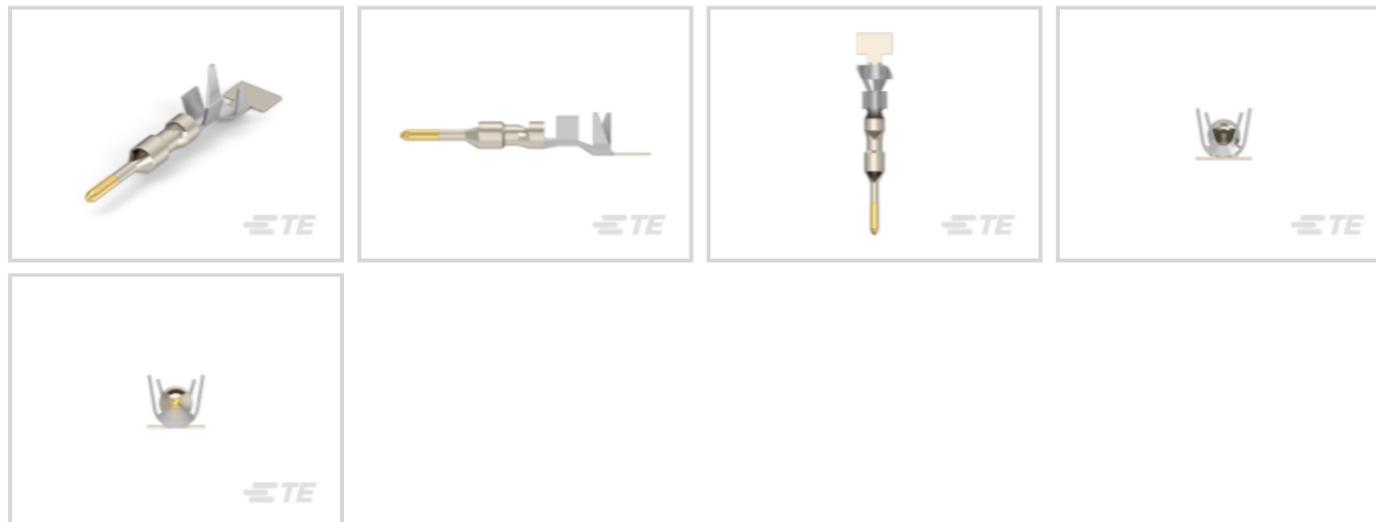




Connectors > Rectangular Connectors > Connector Contacts

Contact Type: **Pin**Contact Mating Area Plating Material: **Gold**Wire Contact Termination Area Plating Material: **Gold**Operating Voltage: **600 VDC**

Features

Product Type Features

Discrete Wire Type	Stranded
Barrel Type	Open Barrel
Glow Wire Rating	Standard Part - Not Glow Wire
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
-----------------------------------	---------------

Electrical Characteristics

Operating Voltage	600 VDC
-------------------	---------

Contact Features

Contact Diameter	.99 mm[.039 in]
Underplate Material Thickness	1.27 μ m[50 μ in]
Contact Mating Area Plating Thickness	.76 μ m[29.92 μ in]
Contact Underplating Material	Nickel



Contact Type	Pin
Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Material	Gold
Contact Retention Within Housing	Without
Contact Base Material	Brass
Contact Current Rating (Max)	10.5 A

Termination Features

Termination Method to Wire & Cable	Crimp
------------------------------------	-------

Mechanical Attachment

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

Dimensions

Accepts Wire Insulation Diameter Range	2 – 3.2 mm [.079 – .126 in]
Wire Size	.5 – 1.4 mm ²

Usage Conditions

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

Operation/Application

For Use With	Plug or Cap Housing
Circuit Application	Power

Industry Standards

UL File Number	E28476
UL Rating	Recognized
Agency/Standard	CSA, UL
VDE Tested	Yes

Packaging Features

Packaging Method	Reel
Packaging Quantity	5000

Other

Comment	HDM Applicator part number ending in -1 is used on AMPOMATOR CLS Machine with T or G Terminators, -2 is used on AMP-O-LECTRIC Model K Machine, -3 is used on AMP-O-LECTRIC Model G Machine., These
---------	--



contacts can be used in either Mini-Universal MATE-N-LOK 2 Plug or Cap housings ONLY.

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Pb (40% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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 # 189727-1
EXTRACTION TOOL



TE Part # 794215-1
24P MINI UMNL2 CAP HSG UL94V0



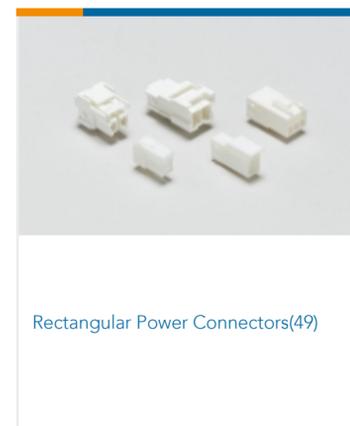
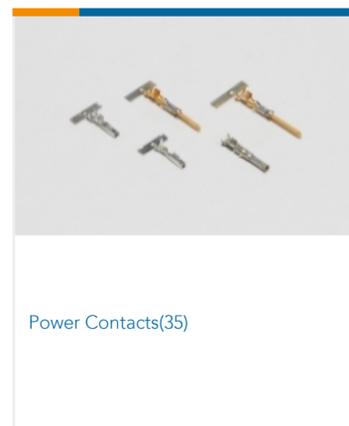
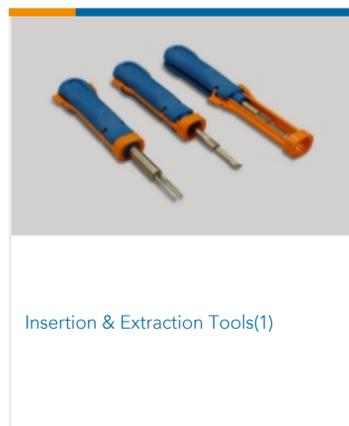
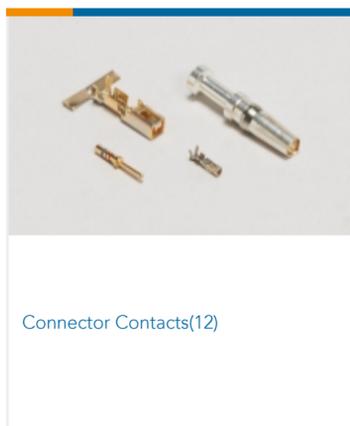
TE Part # 794200-1
12P MINI UMNL2 PLUG HSG MATRIX



TE Part # 794198-1
12P MINI UMNL2 PLUG HSG DBLROW



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



Documents



Product Drawings

MINI UMNL2 PIN 20-16AWG 30AU

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_794222-3_J.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_794222-3_J.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_794222-3_J.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_794222-3_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_794222-3_E.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_794222-3_E.2d_dxf.zip](#)

English

3D PDF

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