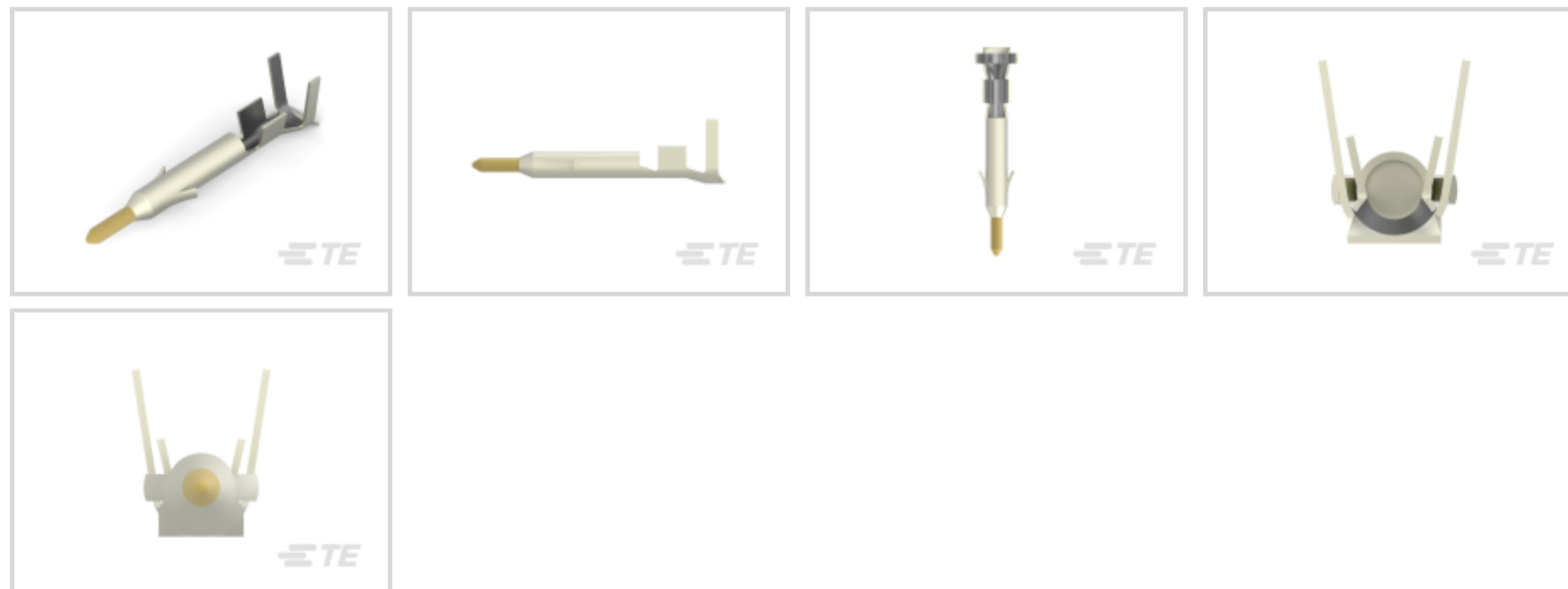




Connectors > Rectangular Connectors > Connector Contacts

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

Features

Product Type Features

Discrete Wire Type	Stranded
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
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Electrical Characteristics

Operating Voltage	600 VDC
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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	Tin-Lead
Contact Retention Within Housing	With
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	11.2 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Connector Mounting Type	Cable Mount (Free-Hanging)

Dimensions

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

Usage Conditions

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

For Use With	Plug or Cap Housing
Circuit Application	Power

Industry Standards

CSA Rating	Certified
CSA File Number	LR 7189
UL File Number	E28476
UL Rating	Recognized
Agency/Standard	CSA, UL
VDE Tested	Yes

Packaging Features

Packaging Method	Reel
Packaging Quantity	4500

Other

Comment	HDM Applicator part number ending in -1 is used on AMPOMATOR CLS Machine
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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.

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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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 # CAT-AM71-C83998EE
MINI CPC



TE Part # 91522-1
CCII MINI UNML PIN SKT 22-18 ASSY



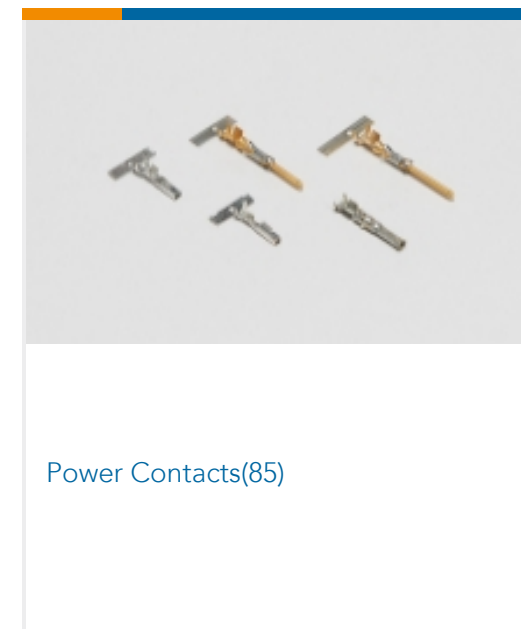
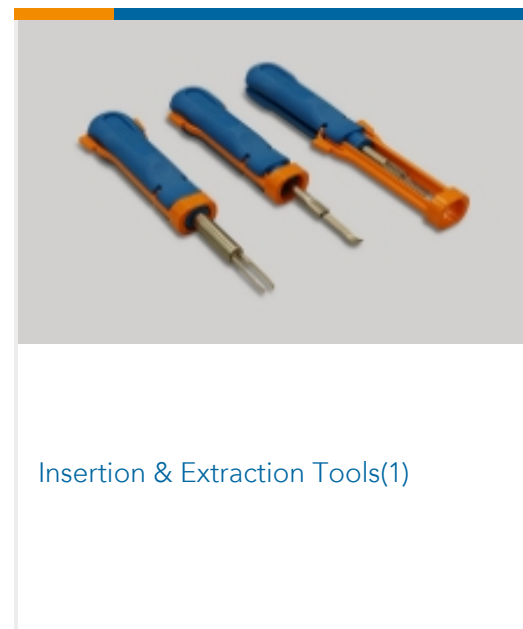
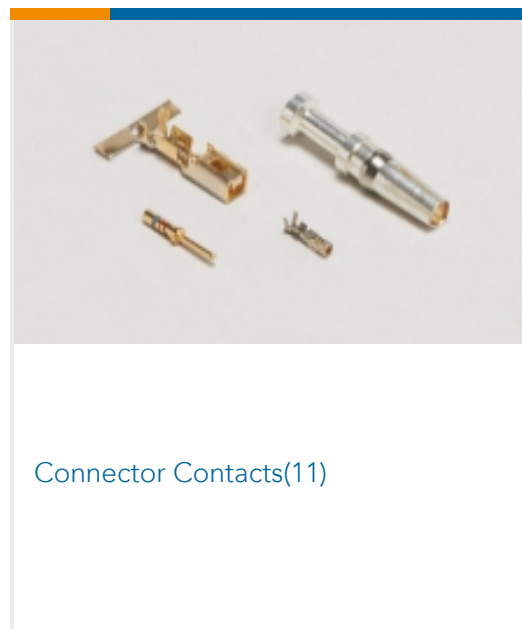
TE Part # 90759-1
PROCRIMP TL W/DIE MIN UNIV MNL



TE Part # 189727-1
EXTRACTION TOOL

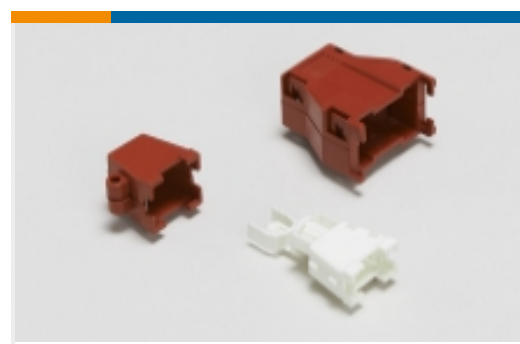


Also in the Series | Mini-Universal MATE-N-LOK





Rectangular Backshells & Clamps(2)



Rectangular Boots & Strain Relief(2)



Rectangular Connector Keying Plugs(2)



Rectangular Connector Locking(2)

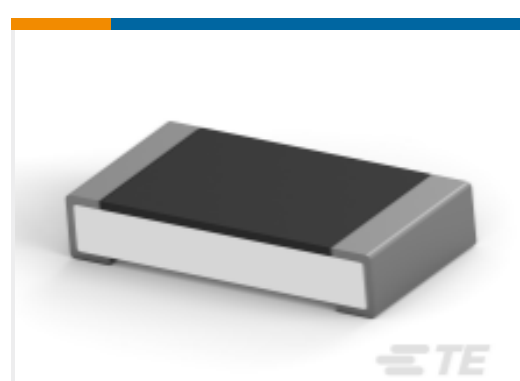
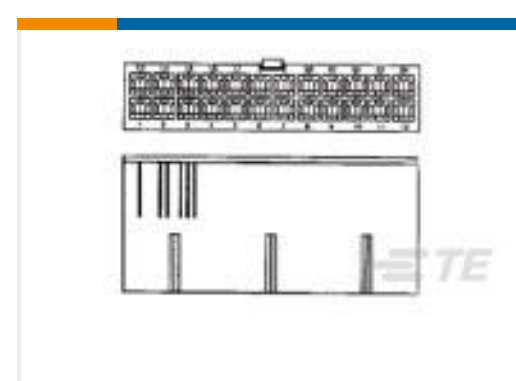


Rectangular Connector Seals(20)



Rectangular Power Connectors(283)

Customers Also Bought

TE Part #1-5499206-1
AMP-LATCH UNIVERSAL HEADERSTE Part #794941-1
08P MINI UMNL CAP HSGTE Part #770988-3
MINI UMNL SOK 22-18AWG AU LPTE Part #172336-1
2P MINI UMNL PLUG HOUSINGTE Part #794197-1
10P MINI UMNL2 CAP HSG UL94V0TE Part #9-2176388-1
RQ 1206 86R6 0.1% 10PPM 5K RLTE Part #1445816-1
MINI CPCTE Part #2-1586000-0
20P FH PLUG VAL-U-LOK V2

Documents

Product Drawings

[MINI UMNL PIN 22-18 AWG AU](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_770903-6_U.2d_dxf.zip](#)

English

[3D PDF](#)



3D

Customer View Model

[ENG_CVM_CVM_770903-6_U.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_770903-6_U.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

Instruction Sheets

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

English