



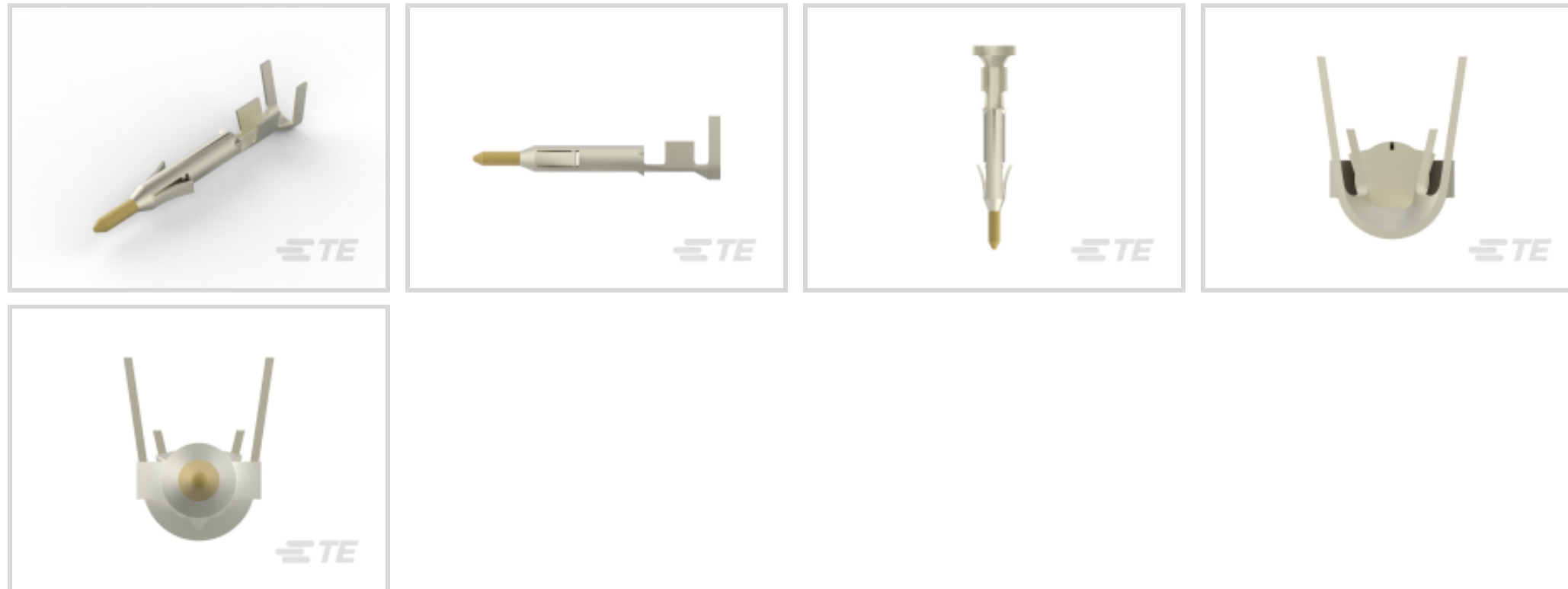
MATE-N-LOK | Mini-Universal MATE-N-LOK

TE Internal #: 170364-3

Pin Contact, Gold (Au), 600 VAC, 600 VDC, Locking Lance Contact Retention, 22 – 18 AWG, .3 – .89 mm² Wire, Crimp, Brass, Mini-Universal MATE-N-LOK

[View on TE.com >](#)

Connectors > Contacts > Connector Contacts



Contact Type: **Pin**

Contact Mating Area Plating Material: **Gold (Au)**

Wire Contact Termination Area Plating Material: **Nickel**

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 Underplating Material	Nickel
Contact Orientation	Straight
Mating Pin Diameter	1 mm [.039 in]
Contact Mating Area Plating Material Thickness	.76 µm [30 µin]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Shape & Form	Round
Wire Contact Termination Area Plating Thickness	.76 µm [30 µin]
Barrel Type	Open
Contact Type	Pin
Contact Mating Area Plating Material	Gold (Au)
Wire Contact Termination Area Plating Material	Nickel



Contact Retention Within Housing	With
Contact Base Material	Brass
Contact Current Rating (Max)	7 A

Termination Features

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

Mechanical Attachment

Wire Insulation Support	Without
Contact Retention Type Within Housing	Locking Lance

Dimensions

Compatible Insulation Diameter Range	3.4 mm [.134 in]
Wire Size	.3 – .89 mm ²

Usage Conditions

Operating Temperature Range	-20 – 105 °C [-4 – 221 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

Compatible With Agency/Standards Products	CSA, UL
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	300
Packaging Method	Bag

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: JUNE 2024 (241) Does not contain REACH SVHC

Halogen Content

Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

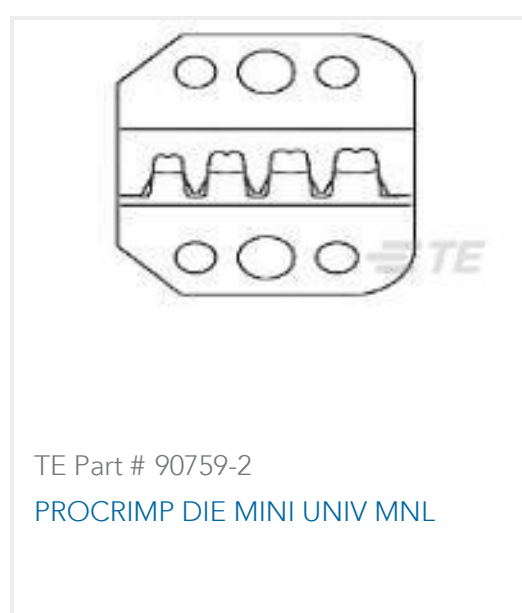
Solder Process Capability

Not applicable for solder process capability

Product Compliance Disclaimer

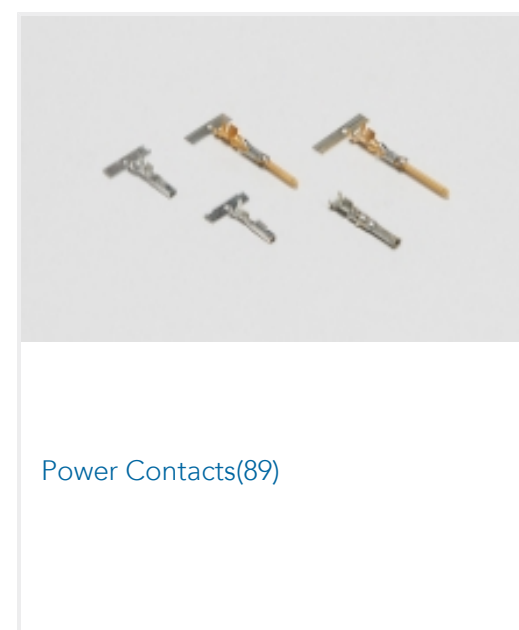
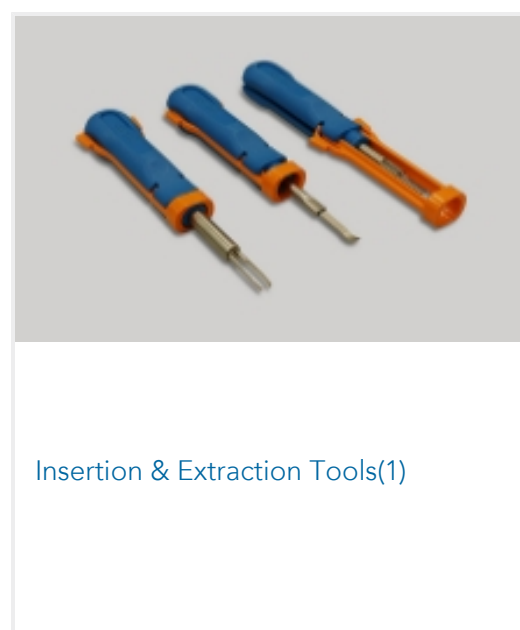
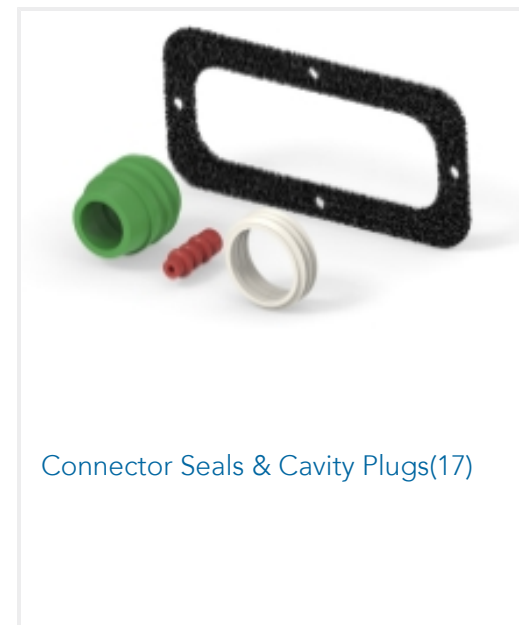
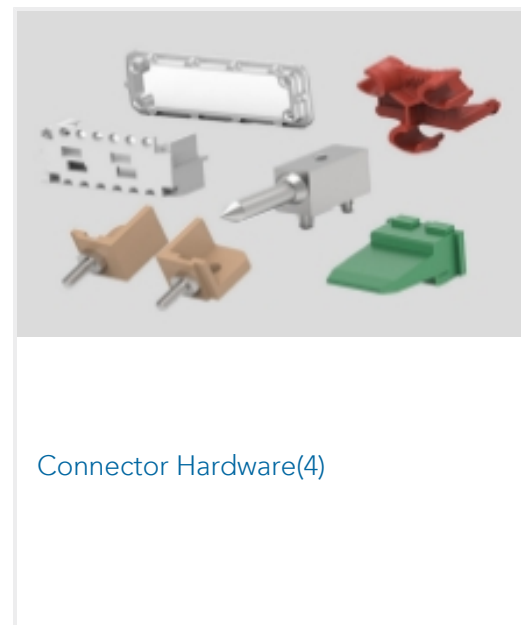
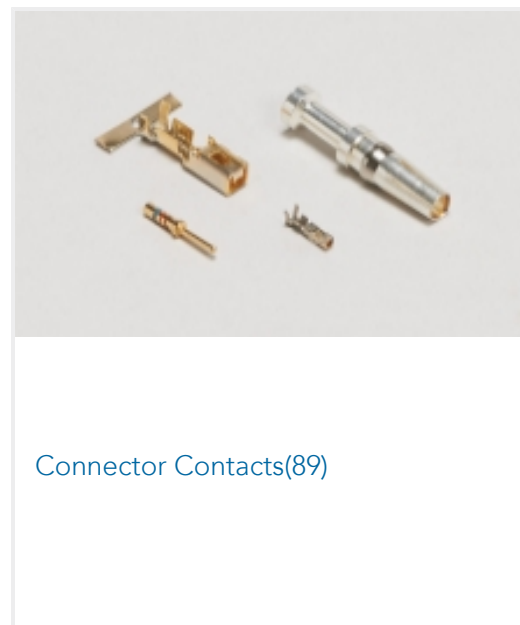
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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





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



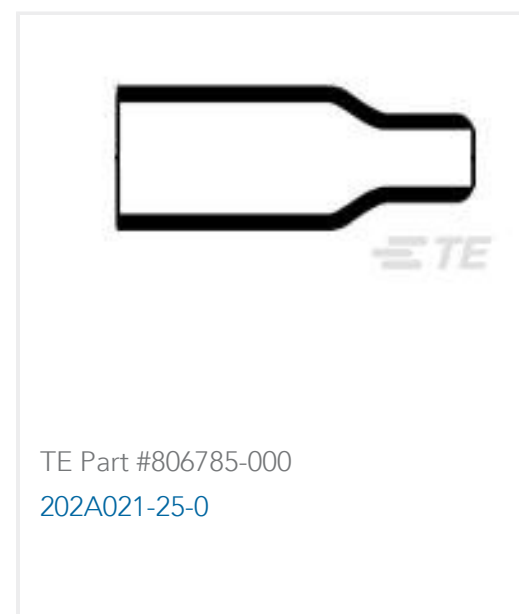
Customers Also Bought



TE Part #926895-7
UNIVERSAL M-N-L SOCKET



TE Part #ZPF000000000107200
787-8055-11M



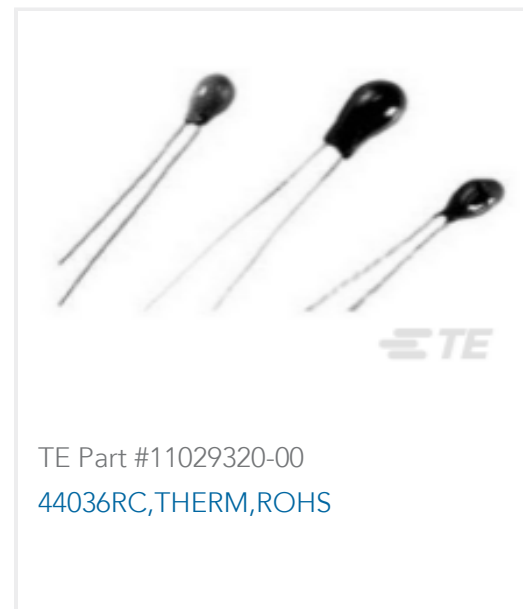
TE Part #806785-000
202A021-25-0



TE Part #91593-1
CCII 187 SERIES POS LOCK REC 20-16
ASSY



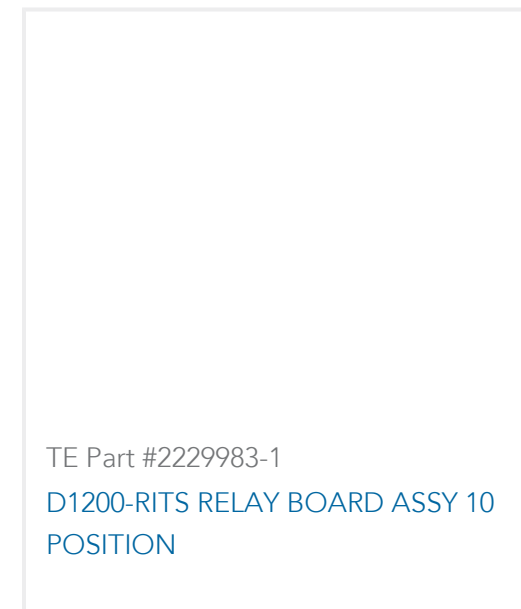
TE Part #205164-5
AMPLIMITE,ASY,PLUG,109,2



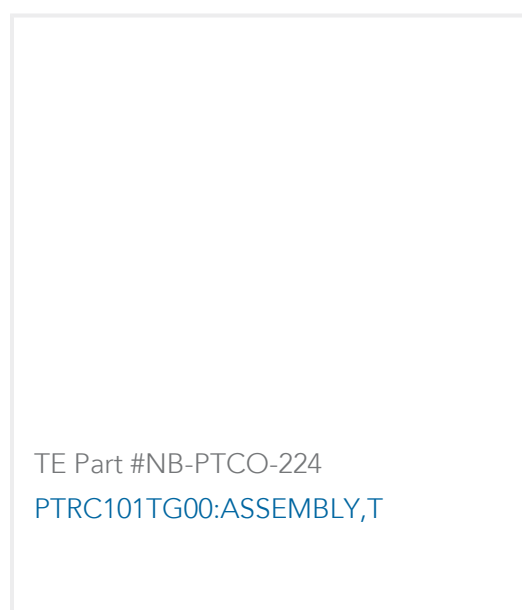
TE Part #11029320-00
44036RC,THERM,ROHS



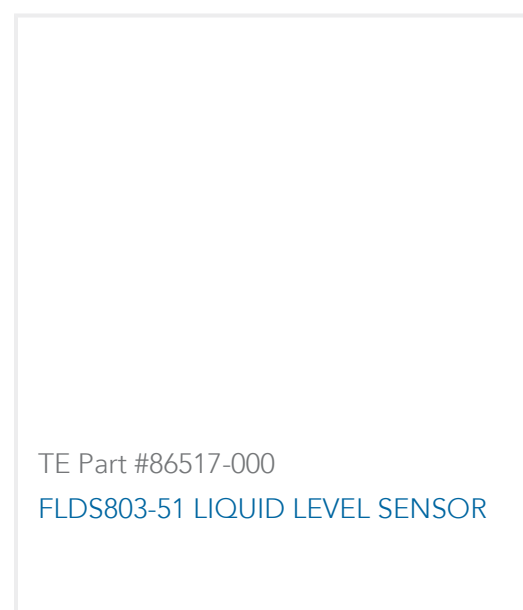
TE Part #172165-1
2 CIR UNIV M-N-L PLUG NATL



TE Part #2229983-1
D1200-RITS RELAY BOARD ASSY 10
POSITION



TE Part #NB-PTCO-224
PTRC101TG00:ASSEMBLY,T



TE Part #86517-000
FLDS803-51 LIQUID LEVEL SENSOR

Documents

Product Drawings

MINI UNIVERSAL M-N-L PIN LP

English

CAD Files

Customer View Model

[ENG_CVM_170364-3_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_170364-3_C.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_170364-3_C.2d_dxf.zip](#)

English

3D PDF

English

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

Product Specifications



[Crimping of Mini-Universal MATE-N-LOK Contact](#)

Japanese

[Application Specification](#)

Japanese

[Instruction Sheets](#)

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

Japanese

[Mini-Universal MATE-N-LOK Connector](#)

Japanese

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

[View 170364-3 on WIN SOURCE](#)

[TE Connectivity Information](#)

Optimize Your Supply Chain with WIN SOURCE Solutions

- ✓ Global Sourcing Solution
- ✓ Obsolete Management
- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management