

641187-4 ✓ ACTIVE

MTA 100

TE Internal #: 641187-4

Socket Contact, Gold, 250 VAC, Locking Lance Contact Retention, Discrete Wire, 24 AWG, .2 mm² Wire, Insulation Displacement (IDC) Standard, MTA 100

[View on TE.com >](#)



Connectors > Contacts > Connector Contacts > Connector Contact: Socket/Receptacle, Wire-to-Board / Wire-to-Wire, MTA 100



Contact Type: **Socket**

Contact Mating Area Plating Material: **Gold**

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

Operating Voltage: **250 VAC**

Contact Retention Within Housing: **With**

[All Connector Contact: Socket/Receptacle, Wire-to-Board / Wire-to-Wire, MTA 100 \(8\)](#)

Features

Packaging Features

Packaging Method	Bag & Box
Packaging Quantity	1000

Mechanical Attachment

Wire Insulation Support	Without
Contact Retention Type Within Housing	Locking Lance

Electrical Characteristics

Insulation Resistance	5000 MΩ
Dielectric Withstanding Voltage (Max)	750 VAC
Operating Voltage	250 VAC

Contact Features

Contact Underplating Material	Nickel
Mating Square Post Dimension	.64 mm[.025 in]



Wire Contact Termination Area Plating Material Finish	Matte
Contact Type	Socket
Contact Mating Area Plating Material	Gold
Wire Contact Termination Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	5 A

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC) Standard
Product Terminates To	Wire & Cable

Dimensions

Wire Size	.2 mm ²
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Usage Conditions

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

Circuit Application	Signal
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) 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

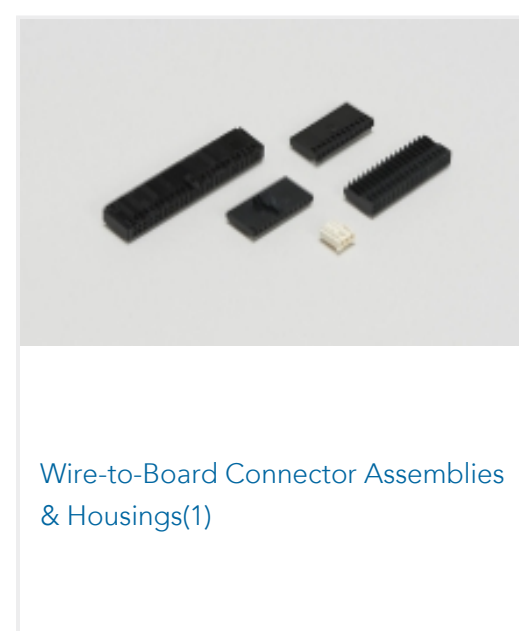
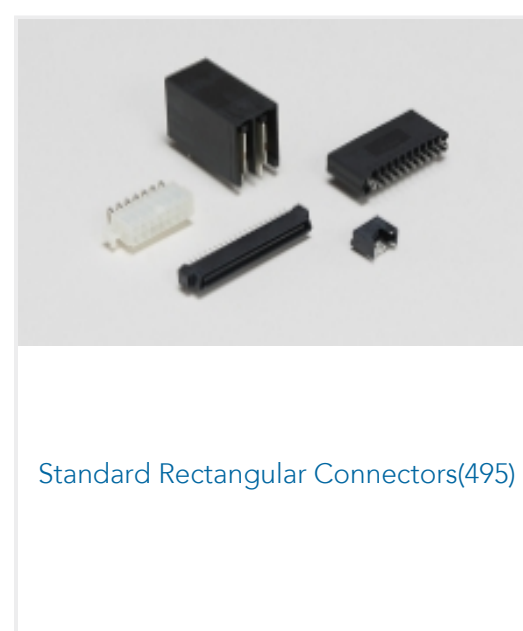
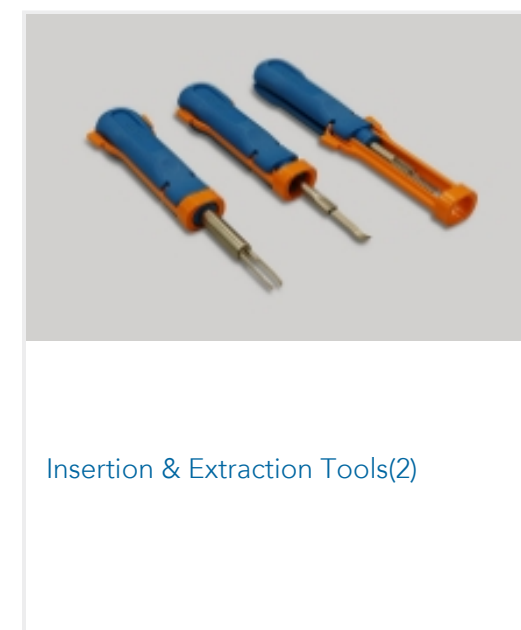
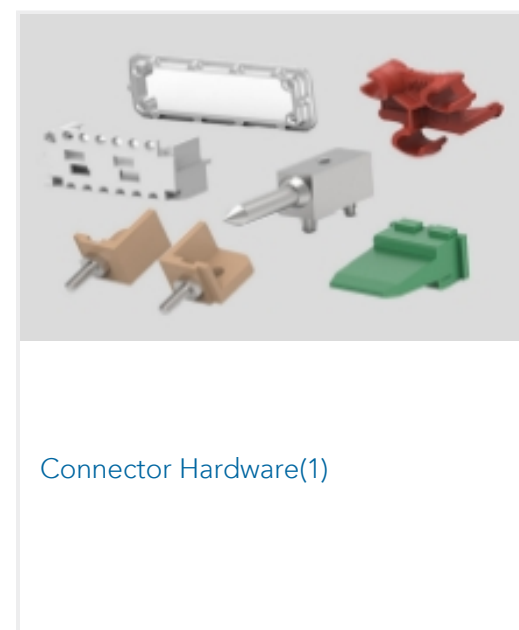
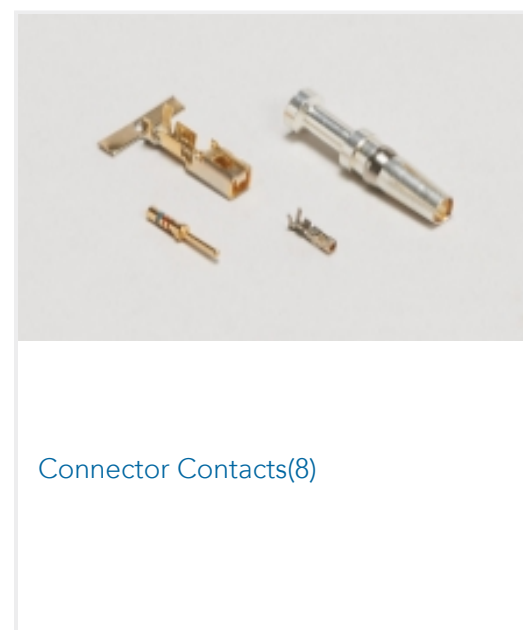
Product Compliance Disclaimer

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>

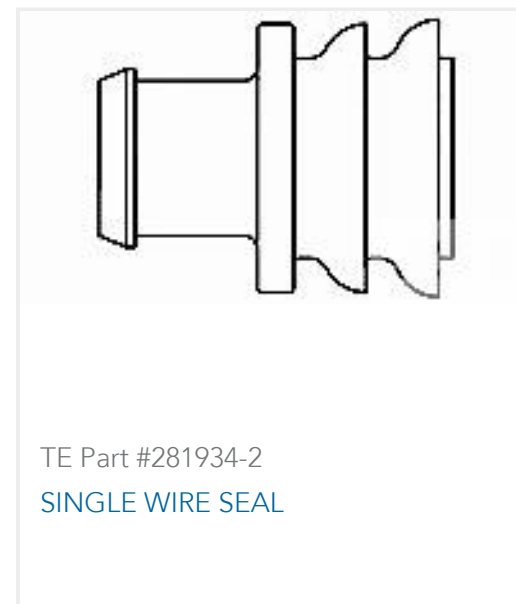
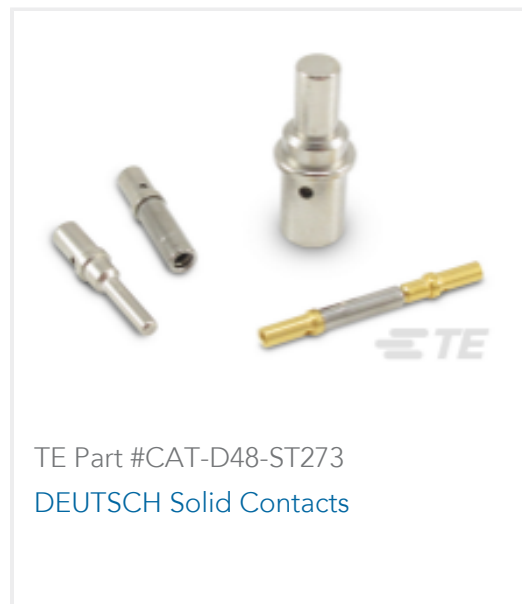
Compatible Parts



Also in the Series | MTA 100



Customers Also Bought



Documents

Product Drawings

[MTA .100 CONTACT GPPHBZ LP](#)

English

CAD Files

Customer View Model

[ENG_CVM_641187-4_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_641187-4_F.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_641187-4_F.2d_dxf.zip](#)

English

[3D PDF](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_641187-4_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_641187-4_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_641187-4_E.3d_stp.zip](#)

English



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Product Specifications

Product Specification

English