

3-647001-4 ✓ ACTIVE

MTA 100

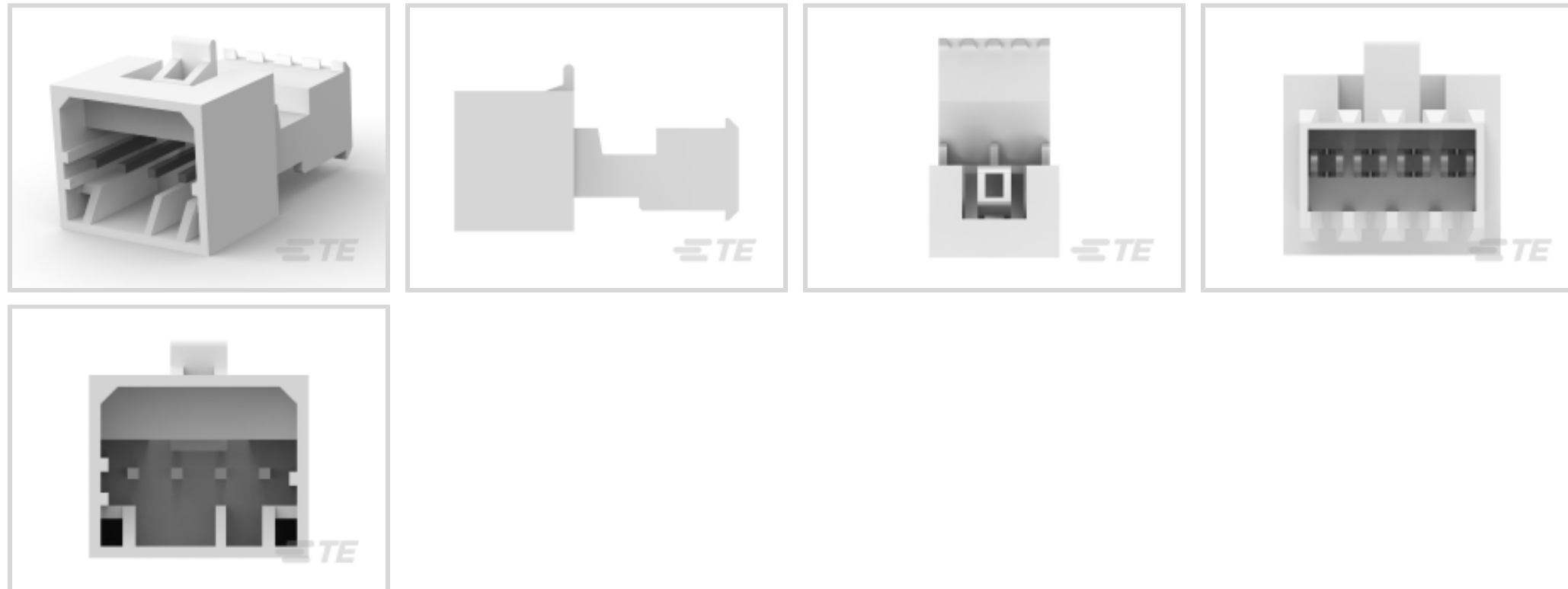
TE Internal #: 3-647001-4

Connector Assembly, Plug, Insulation Displacement (IDC), Wire-to-Wire, Tin, Normal, UL 94V-2, 4 Position, MTA 100, Standard Rectangular Connectors

[View on TE.com >](#)



Connectors > Rectangular Connectors > Standard Rectangular Connectors > MTA Plug: Nylon, Tin Plated, 2.54 mm, with Mating Alignment



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Plug**

Mating Alignment: **With**

Mating Alignment Type: **Polarization**

Mating Retention: **With**

[All MTA Plug: Nylon, Tin Plated, 2.54 mm, with Mating Alignment \(28\)](#)

Features

Body Features

Primary Product Color	White
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Packaging Features

Packaging Quantity	200
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Packaging Method	Bag/Box
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Dimensions

Connector Width	21.4 mm[.843 in]
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Connector Height	12.54 mm[.494 in]
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Wire Size	24 AWG
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Connector Length	12.7 mm[.5 in]
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Housing Features

Housing Material	Nylon 6/6
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Centerline (Pitch)	2.54 mm[.1 in]
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Configuration Features

Number of Cavities	4
Contacts Preloaded	Yes
Number of Positions	4
Number of Rows	1

Industry Standards

Compatible With Agency/Standards Products	UL, CSA
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476
CSA Rating	LR 7189
UL Flammability Rating	UL 94V-2

Contact Features

Contact Underplating Material	Nickel
Wire Contact Termination Area Plating Material	Tin
Contact Type	Tab
Contact Mating Area Plating Material	Tin
Contact Retention Within Housing	With
Contact Current Rating (Max)	5 A

Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
Mating Alignment	With
Mating Alignment Type	Polarization
Mating Retention	With
Mating Retention Type	Latch
Connector Mounting Type	Cable Mount (Free-Hanging)

Product Type Features

Compatible With Discrete Wire Type	Stranded
Connector Product Type	Connector Assembly
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Insertion Force Type	Normal
Sealable	No



Connector & Contact Terminates To	Wire & Cable
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Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Electrical Characteristics

Operating Voltage	250 VAC
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Usage Conditions

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

Shielded	No
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Circuit Application	Signal
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Other

EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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 # 58638-1
MTA 100 CRIMP HEAD PRODUCTION POSTED



TE Part # CAT-104MTA-NTPMR
Nylon Tin Plated Receptacle: 2.54 mm, with Mating Alignment, MTA 100



TE Part # CAT-104MTA-NYLCC
Nylon PCB Connector Covers: 2.54 mm, MTA 100



TE Part # 58074-1
MTA 50/100/156 MANUAL TOOL FRAME



TE Part # CAT-104MTA-PLSCC
Polyester PCB Connector Covers: 2.54 mm, MTA 100



TE Part # CAT-104MTA-NTPNR
MTA Receptacle: Nylon, Tin Plated, 2.54 mm

Also in the Series | MTA 100



Connector Caps & Covers(69)



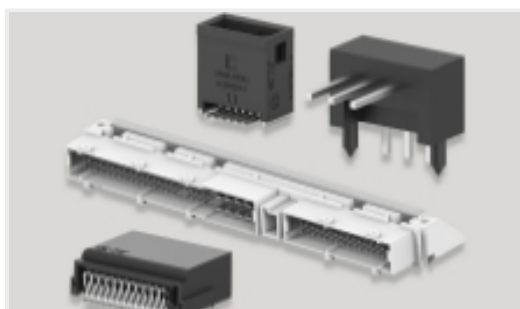
Connector Contacts(8)



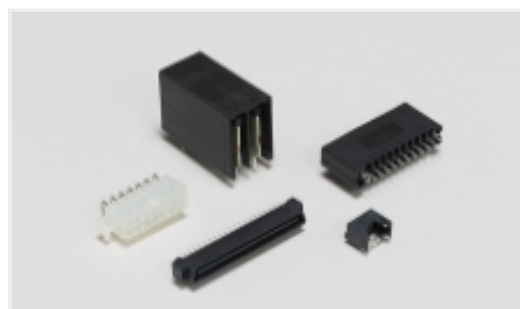
Connector Hardware(1)



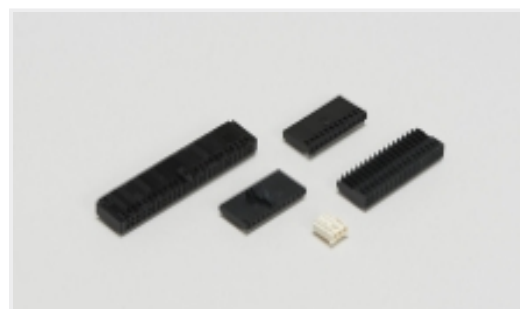
Insertion & Extraction Tools(2)



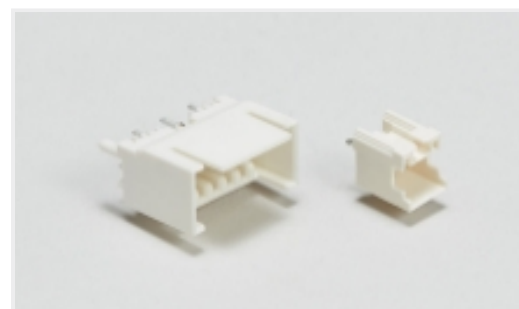
PCB Headers & Receptacles(441)



Standard Rectangular Connectors(495)



Wire-to-Board Connector Assemblies & Housings(1)

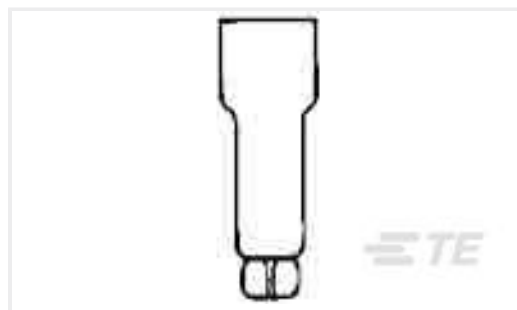


Wire-to-Board Headers & Receptacles (441)

Customers Also Bought



TE Part #2-34147-1
PG R 22-16 COMM 22-18 MIL 6



TE Part #2-328375-3
SPLICE,CE 22-14



TE Part #3-643820-4
04P MTA156 CONN ASSY 24AWG
WHT



TE Part #3-643817-5
05P MTA156 CONN ASSY 18AWG
ORA



TE Part #34147
PG R 22-16 COMM 22-18 MIL 6



TE Part #3-643818-4
04P MTA156 CONN ASSY 20AWG YEL



TE Part #745253-2
20 DF SCKT CONT,PLTD



TE Part #3-643819-4
04P MTA156 CONN ASSY 22AWG RED



TE Part #CAT-104MTA-NTPMR
Nylon Tin Plated Receptacle: 2.54 mm,
with Mating Alignment, MTA 100

Documents

Product Drawings

[04P MTA100 PSTD CONN ASSY SN](#)

English

CAD Files

[3D PDF](#)

English

Customer View Model

[ENG_CVM_3-647001-4_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_3-647001-4_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_3-647001-4_E.3d_stp.zip](#)

English

[3D PDF](#)

3D



Customer View Model

[ENG_CVM_CVM_3-647001-4_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-647001-4_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-647001-4_C.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[Agency Approval Document](#)

English