

3-641311-6 ✓ ACTIVE



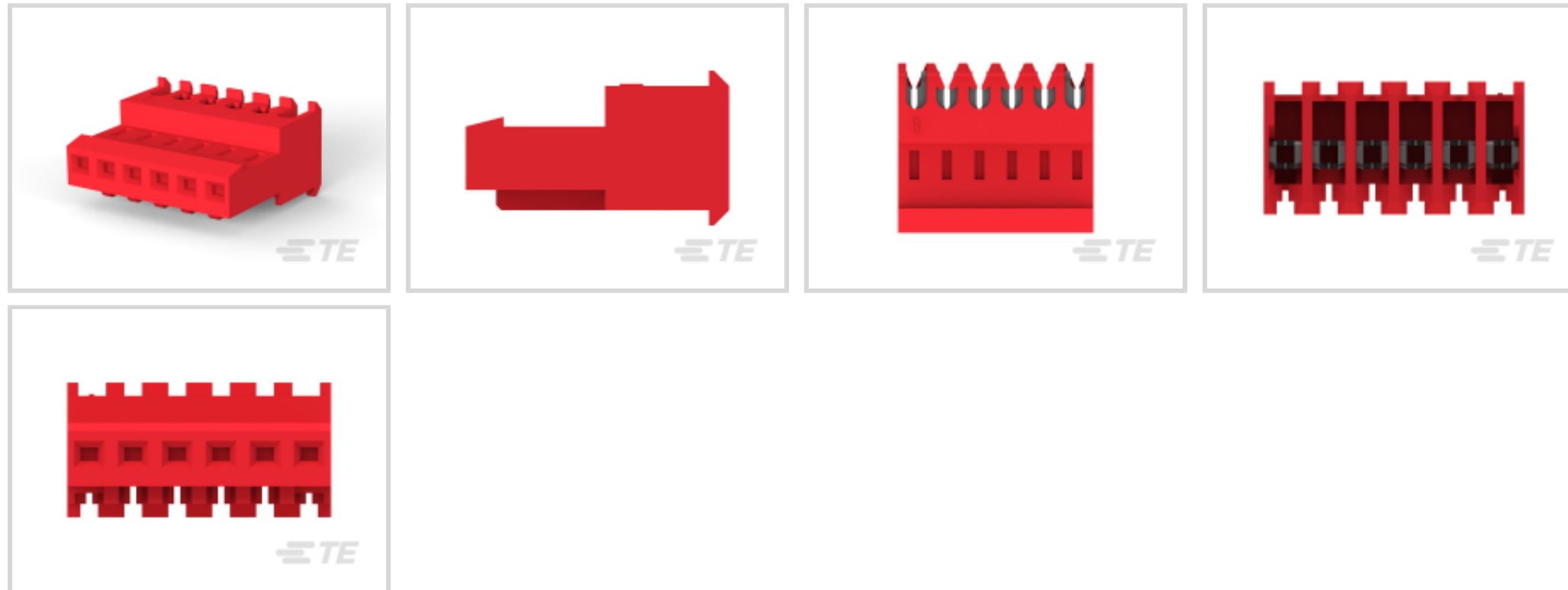
MTA 100

TE Internal #: 3-641311-6

Standard Rectangular Connectors, Connector Assembly, Receptacle, Mating Retention, Insulation Displacement (IDC), Wire-to-Board, Tin, MTA 100

[View on TE.com >](#)

Connectors > Rectangular Connectors > Standard Rectangular Connectors > MTA Receptacle: Nylon, Tin Plated, 2.54 mm



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

Mating Alignment: **Without**

Mating Retention: **With**

Mating Retention Type: **Locking Ramp**

[All MTA Receptacle: Nylon, Tin Plated, 2.54 mm \(167\)](#)

## Features

### Product Type Features

Compatible With Discrete Wire Type	Stranded
Connector Product Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Number of Cavities	6
Contacts Preloaded	Yes
Number of Positions	6
Number of Rows	1

### Electrical Characteristics



Operating Voltage	250 VAC
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### Contact Features

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

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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### Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
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Mating Alignment	Without
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Mating Retention	With
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Mating Retention Type	Locking Ramp
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Connector Mounting Type	Cable Mount (Free-Hanging)
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### Housing Features

Housing Material	Nylon 6/6
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Housing Color	Red
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Centerline (Pitch)	2.54 mm[.1 in]
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### Dimensions

Connector Height	13.21 mm[.52 in]
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Product Width	7.75 mm[.305 in]
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Product Length	15.24 mm[.6 in]
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Wire Size	.3 – .4 mm <sup>2</sup>
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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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### Industry Standards

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

### Packaging Features

Packaging Quantity	1600
Packaging Method	Reel

### 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: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 # 640455-6  
06P MTA100 HDR ASSY SQ R/A POL



TE Part # CAT-104MTA-NTPMP  
MTA Plug: Nylon, Tin Plated, 2.54 mm, with Mating Alignment



TE Part # CAT-104MTA-NVTHH  
Nylong Vertical PCB Header: 2.54mm, Through Hole, MTA 100



TE Part # CAT-104MTA-PVUNH  
PCB Header: Polyester, Vertical, Unshrouded, No Mating Alignment



TE Part # CAT-104MTA-PRUSH  
PCB Header: Polyester, Right Angle, Unshrouded



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




TE Part # CAT-104MTA-NVSMH  
PCB Header: Nylon, Vertical, Surface Mount, MTA 100



TE Part # 640454-6  
06P MTA100 HDR ASSY SQ STR POL



TE Part # CAT-104MTA-PVBRH  
Polyester Vertical PCB Header: 2.54 mm, Breakaway, MTA 100



TE Part # CAT-104MTA-PRSMH  
PCB Header, Right Angle, Polyester, 2.54 mm



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



TE Part # CAT-104MTA-PVSHH  
Polyester Vertical PCB Header: 2.54 mm, Shrouded, MTA 100



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




TE Part # 3-644694-6  
06P MTA100 R/A HDR RETENTIVE




TE Part # 3-647051-6  
06P MTA100 HRD ASSYF/L HT LF


Also in the Series | **MTA 100**




Connector Caps & Covers(69)



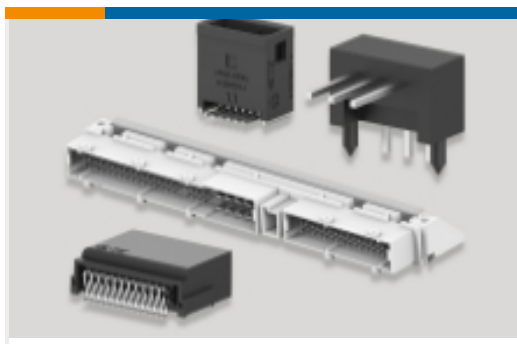
Connector Contacts(8)



Connector Hardware(1)



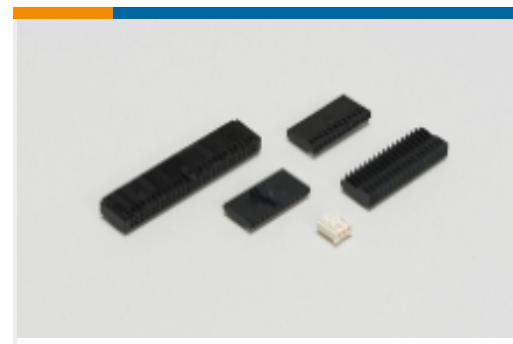
Insertion & Extraction Tools(2)



PCB Headers &amp; Receptacles(440)

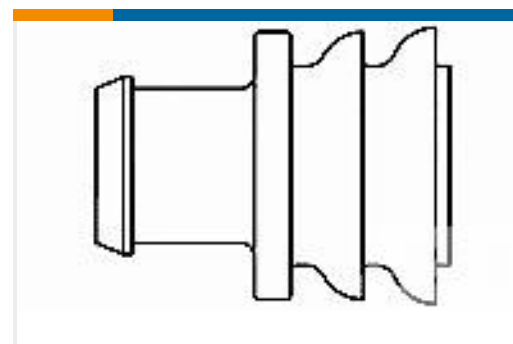


Standard Rectangular Connectors(495)



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

## Customers Also Bought

TE Part #206070-8  
CABLE CLAMP KIT #17TE Part #DT04-2P  
REC, 2P, GRY, NTE Part #DT06-2S  
PLG, 2P, GRY, NTE Part #W2S  
Wedgelocks: DEUTSCH DTTE Part #0460-202-16141  
DEUTSCH Solid ContactsTE Part #282104-1  
AMP SUPERSEAL 1.5MM,  
CONNECTOR HOUSINGTE Part #281934-2  
SINGLE WIRE SEAL

## Documents

### Product Drawings

06 CIR MTA-100 ASSY TAPE LF

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_3-641311-6\\_N.2d\\_dxf.zip](#)

English

### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_3-641311-6\\_N.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-641311-6\\_N.3d\\_stp.zip](#)

English

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



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**Product Specifications**

[Application Specification](#)

English

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**Agency Approvals**

[Agency Approval Document](#)

English