



MTA 100

TE Internal #: 3-640443-2

2 Position, Receptacle, Connector Assembly, Insulation
 Displacement (IDC), Wire-to-Board, Tin (Sn), Normal, UL 94V-2,
 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**

Mating Alignment: **Without**

Connector & Housing Type: **Receptacle**

Mating Retention Type: **Locking Ramp**

Connector System: **Wire-to-Board**

[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 |
| Insertion Force Type | Normal |
| Sealable | No |
| Connector & Contact Terminates To | Wire & Cable |

Configuration Features

| | |
|---------------------|-----|
| Number of Cavities | 2 |
| Contacts Preloaded | Yes |
| Number of Positions | 2 |
| Number of Rows | 1 |



Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 250 VAC |
|-------------------|---------|

Body Features

| | |
|-----------------------|-------|
| Primary Product Color | Green |
|-----------------------|-------|

Contact Features

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

Termination Features

| | |
|------------------------------------|-------------------------------|
| Termination Method to Wire & Cable | Insulation Displacement (IDC) |
|------------------------------------|-------------------------------|

Mechanical Attachment

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

Housing Features

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

Dimensions

| | |
|------------------|------------------|
| Connector Width | 6.99 mm[.275 in] |
| Connector Height | 13.21 mm[.52 in] |
| Wire Size | 28 AWG |
| Connector Length | 5.08 mm[.2 in] |

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

| | |
|---------------------|--------|
| Shielded | No |
| Circuit Application | Signal |



Industry Standards

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

Packaging Features

| | |
|--------------------|--------------|
| Packaging Quantity | 125 |
| Packaging Method | Box & Carton |

Product Compliance

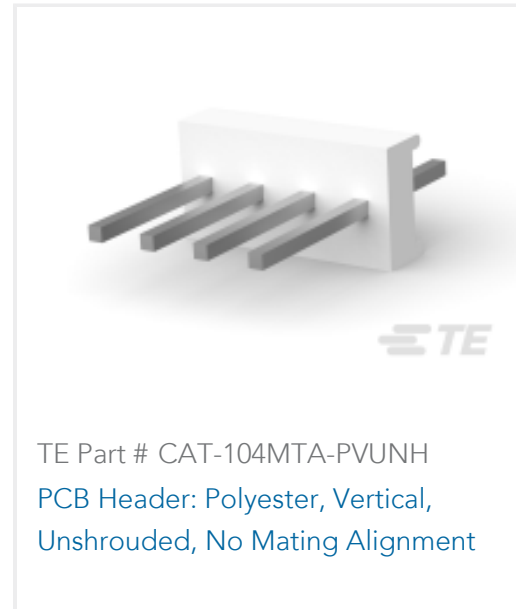
[For compliance documentation, visit the product page on TE.com>](#)

| | |
|---|---|
| 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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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



Also in the Series | **MTA 100**



Connector Caps & Covers(69)



Connector Contacts(8)



Connector Hardware(1)



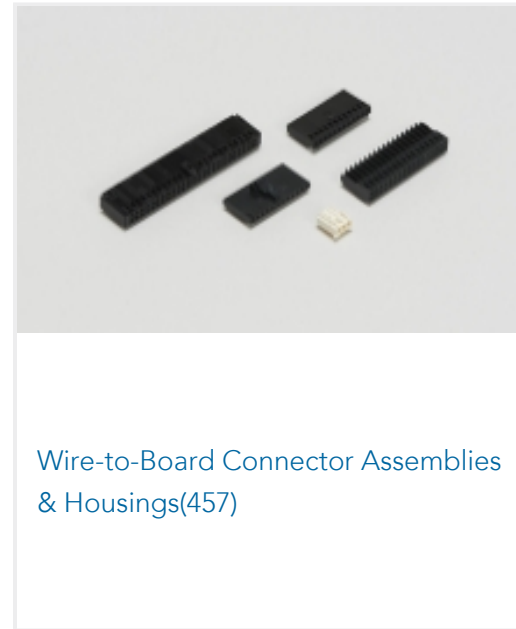
Insertion & Extraction Tools(2)



PCB Headers & Receptacles(441)



Rectangular Power Connectors(1)



Wire-to-Board Connector Assemblies & Housings(457)



Wire-to-Board Headers & Receptacles (441)

Customers Also Bought



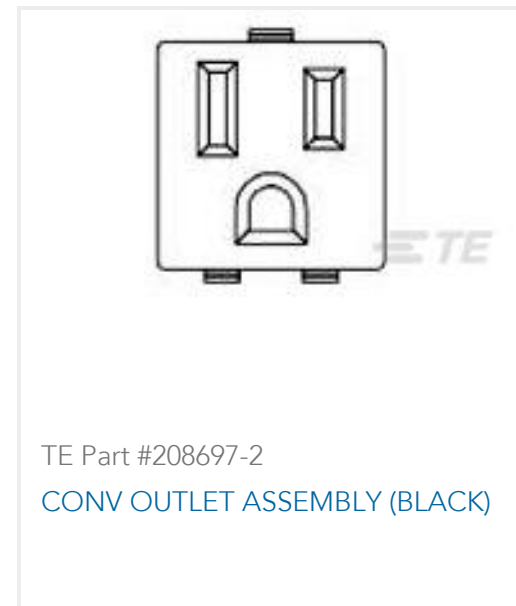
TE Part #CONSMA011-G
SMA Jack 50 Ohm Cable Crimp



TE Part #5677652002
RNF-3000-9/3-2-STK



TE Part #8-52949-1
PG SPR SPD 22-16COMM22-18MIL 6



TE Part #208697-2
CONV OUTLET ASSEMBLY (BLACK)



TE Part #208979-2
CONV OUTLET ASSY (BLACK)



TE Part #322985
TERMINAL,PIDG SPD 12-10 6



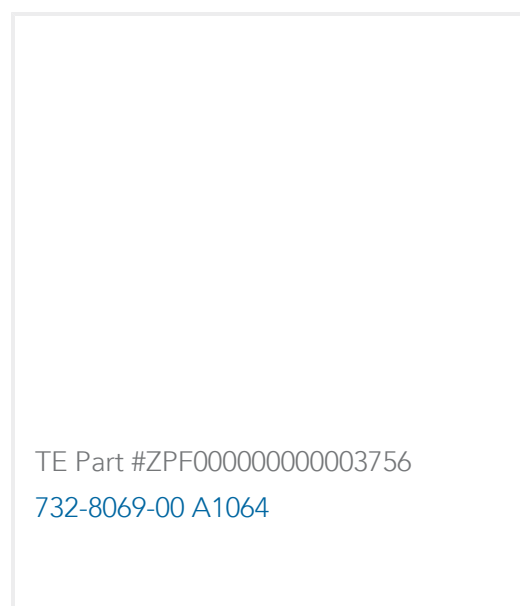
TE Part #324543
TAB,PIDG 12-10



TE Part #1-1676913-8
YR1 0.1% 1K62



TE Part #5555979-1
MJ,R/A,6P/4C,TRAY PACK



TE Part #ZPF000000000003756
732-8069-00 A1064

Documents



Product Drawings

02P MTA100 CONN ASSY GRN

English

CAD Files

Customer View Model

[ENG_CVM_CVM_3-640443-2_U.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_3-640443-2_U.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-640443-2_U.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English

Agency Approvals

UL

English

UL

English