



MTA 100

TE Internal #: 1-643077-7

PCB Connector Covers, Strain Relief Covers, 17 Position, .1 in [2.54 mm] Centerline, Nylon, Standard Product Profile, MTA 100

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Connectors > PCB Connectors > PCB Connector Accessories > Protection & Strain Relief > PCB Connector Covers >

Nylon PCB Connector Covers: 2.54mm, MTA 100



Protection & Strain Relief Accessory Type: **Strain Relief Covers**

Number of Positions: **17**

Centerline (Pitch): **2.54 mm [ .1 in ]**

Primary Product Material: **Nylon**

Product Profile: **Standard**

[All Nylon PCB Connector Covers: 2.54mm, MTA 100 \(54\)](#)

Features

Product Type Features

|                                           |                      |
|-------------------------------------------|----------------------|
| Protection & Strain Relief Accessory Type | Strain Relief Covers |
| Product Profile                           | Standard             |

Configuration Features

|                     |    |
|---------------------|----|
| Number of Positions | 17 |
|---------------------|----|

Body Features

|                          |       |
|--------------------------|-------|
| Primary Product Color    | White |
| Primary Product Material | Nylon |

Housing Features

|                    |                |
|--------------------|----------------|
| Centerline (Pitch) | 2.54 mm[.1 in] |
|--------------------|----------------|

Usage Conditions

|                                                 |                           |
|-------------------------------------------------|---------------------------|
| Compatible With IDC Installation Type Connector | Feed Thru                 |
| Operating Temperature Range                     | -40 – 85 °C[-40 – 185 °F] |



Industry Standards

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-2 |
|------------------------|----------|

Product Compliance

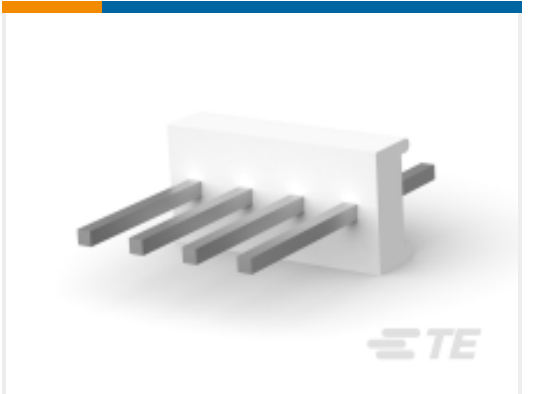
For compliance documentation, visit the product page on TE.com>

|                                               |                                                                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 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 2022 (224)<br>Candidate List Declared Against: JUNE 2022 (224)<br>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                                                                                    |

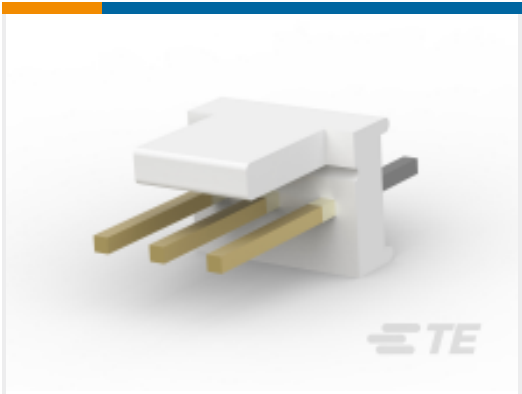
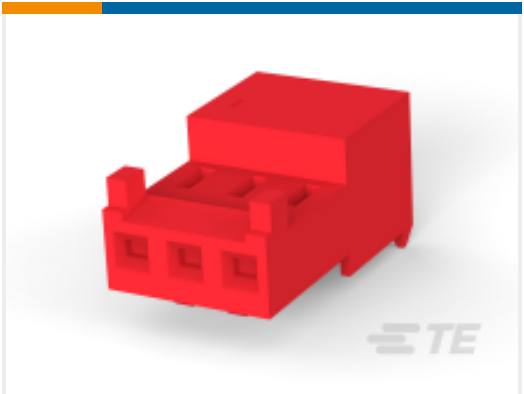
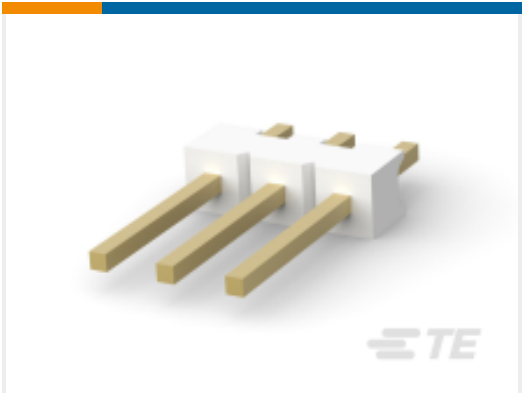
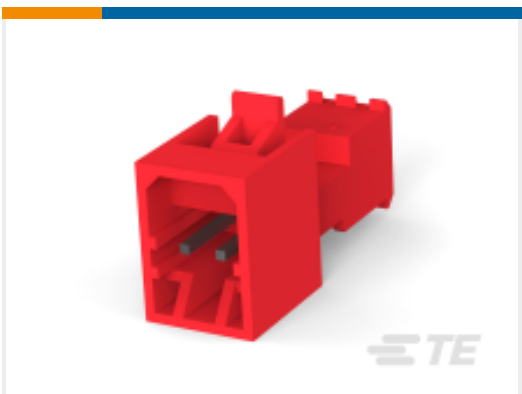
Product Compliance Disclaimer

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>

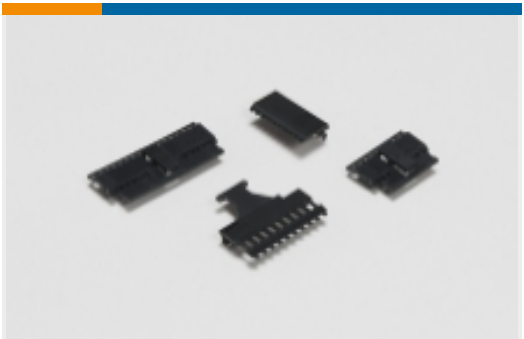
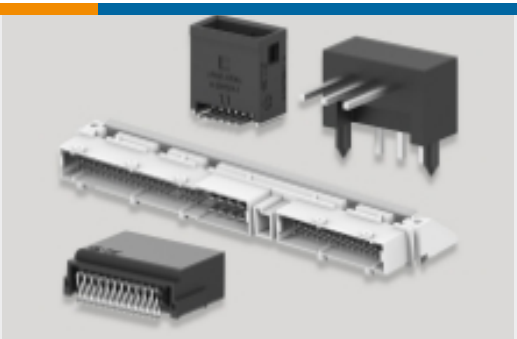
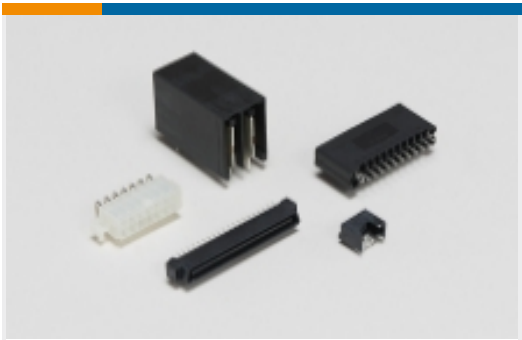
Compatible Parts

|                                                                                                                                                                                            |                                                                                                                                                                         |                                                                                                                                                  |                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # CAT-104MTA-PVUNH<br/>PCB Header: Polyester, Vertical, Unshrouded, No Mating Alignment</p> |  <p>TE Part # CAT-104MTA-NYLCC<br/>Nylon PCB Connector Covers: 2.54 mm, MTA 100</p> |  <p>TE Part # 1-1375820-7<br/>CST-100 II HOUSING 17 POS</p> |  <p>TE Part # CAT-104MTA-NTPNR<br/>MTA Receptacle: Nylon, Tin Plated, 2.54 mm</p> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



|                                                                                                                                                                                       |                                                                                                                                                                                               |                                                                                                                                                                                                  |                                                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # CAT-104MTA-PVUMH<br/>PCB Header: Polyester, Vertical, 2.54 mm</p>                      |  <p>TE Part # CAT-104MTA-NTPMR<br/>Nylon Tin Plated Receptacle: 2.54 mm, with Mating Alignment, MTA 100</p> |  <p>TE Part # CAT-104MTA-PRUSH<br/>PCB Header: Polyester, Right Angle, Unshrouded</p>                         |  <p>TE Part # CAT-104MTA-PRUMH<br/>PCB Header: Polyester, Right Angle, 2.54 mm</p> |
|  <p>TE Part # CAT-104MTA-PVBRH<br/>Polyester Vertical PCB Header: 2.54 mm, Breakaway, MTA 100</p>   |  <p>TE Part # CAT-104MTA-NGPNR<br/>Nylon Gold Plated Receptacle: 2.54 mm, no Mating Alignment</p>          |  <p>TE Part # CAT-104MTA-NGPMR<br/>Nylon Gold Plated Receptacle: 2.54 mm, with Mating Alignment, MTA 100</p> |  <p>TE Part # 4-644694-7<br/>17P MTA100 R/A HDR RETENTIVE</p>                     |
|  <p>TE Part # CAT-104MTA-NTPMP<br/>MTA Plug: Nylon, Tin Plated, 2.54 mm, with Mating Alignment</p> |  <p>TE Part # CAT-104MTA-NGPMP<br/>Nylon Gold Plated Plug: 2.54mm, With Mating Alignment, MTA 100</p>     |                                                                                                                                                                                                  |                                                                                                                                                                       |

Also in the Series | MTA 100

|                                                                                                                                   |                                                                                                                                                  |                                                                                                                                   |                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
|  <p>Insertion &amp; Extraction Tools(2)</p>    |  <p>PCB Connector Covers(107)</p>                            |  <p>PCB Connector Keying(1)</p>              |  <p>PCB Headers &amp; Receptacles(1181)</p> |
|  <p>Standard Rectangular Connectors (1718)</p> |  <p>Wire-to-Board Connector Assemblies &amp; Housings(1)</p> |  <p>Wire-to-Board Connector Contacts(18)</p> |                                                                                                                                  |

Documents





Product Drawings

17P MTA100 MOLDED COVER F/T

English

CAD Files

3D PDF

English

Customer View Model

ENG\_CVM\_1-643077-7\_L.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_1-643077-7\_L.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_1-643077-7\_L.3d\_stp.zip

English

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1-643077-7\_S.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-643077-7\_S.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1-643077-7\_S.3d\_stp.zip

English

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

Datasheets & Catalog Pages

MTA, CST-100 II, SL-156 and AMP Economy Power (EP) Connectors

English

Product Specifications

Product Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English