

2-644487-5  ACTIVE

## MTA 100

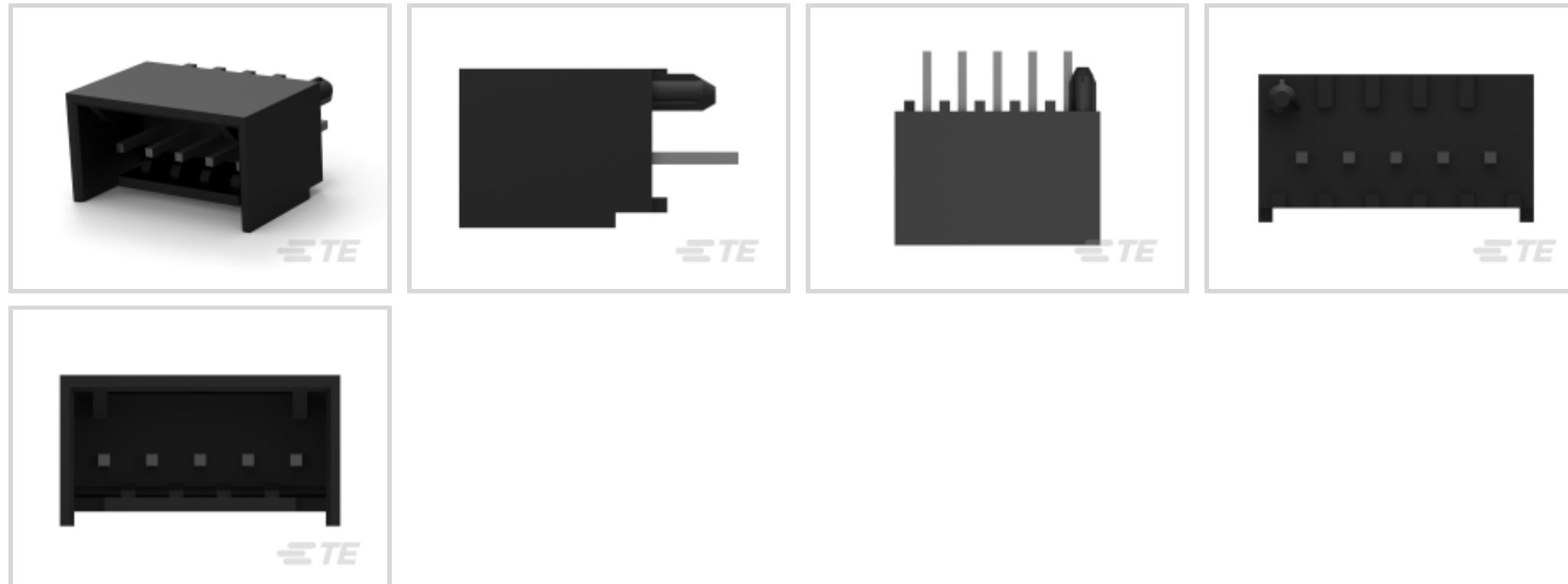
TE Internal #: 2-644487-5

PCB Mount Header, Vertical, Wire-to-Board, 5 Position, 2.54 mm [.1 in] Centerline, Fully Shrouded, Gold, Through Hole - Solder, Signal, Black, MTA 100

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Connectors > PCB Connectors > PCB Headers & Receptacles > Polyester Vertical PCB Header: 2.54mm, Shrouded, MTA 100



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

Number of Positions: **5**

Number of Rows: **1**

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

PCB Mount Orientation: **Vertical**

[All Polyester Vertical PCB Header: 2.54mm, Shrouded, MTA 100 \(37\)](#)

## Features

### Product Type Features

Connector System	Wire-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
PCB Connector Assembly Type	PCB Mount Header

### Configuration Features

Number of Positions	5
Number of Rows	1
PCB Mount Orientation	Vertical

### Electrical Characteristics

Operating Voltage	250 VAC
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### Body Features

Primary Product Color	Black
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#### Contact Features

Contact Mating Area Length	5.1 mm[.2 in]
Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	.76 $\mu$ m[30 $\mu$ in]
Contact Layout	Inline
Contact Underplating Material Thickness	1.27 $\mu$ m[50 $\mu$ in]
Contact Mating Area Plating Material Thickness	.76 $\mu$ m[30 $\mu$ in]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Shape & Form	Square
Contact Mating Area Plating Material Finish	Bright
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Gold
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold
Contact Type	Pin
Contact Current Rating (Max)	5 A

#### Termination Features

Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Post & Tail Length	3.56 mm[.14 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

#### Mechanical Attachment

PCB Mount Alignment Type	Peg
Mating Alignment Type	Polarization
Mating Retention	With
Panel Mount Feature	Without
PCB Mount Retention Type	Pegs
Mating Retention Type	Friction Lock
Connector Mounting Type	Board Mount
Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	With

#### Housing Features

Housing Material

Polyester - GF

Centerline (Pitch)

2.54 mm [.1 in]

**Dimensions**

Connector Length

17.37 mm [.684 in]

Connector Height

10.41 mm [.41 in]

PCB Thickness (Recommended)

1.6 mm [.063 in]

**Usage Conditions**

Operating Temperature Range

-55 - 105 °C [-67 - 221 °F]

**Operation/Application**

Circuit Application

Signal

**Industry Standards**

Compatible With Agency/Standards Products

CSA, UL

Compatible With Approved Standards Products

CSA LR7189, UL E28476

UL Flammability Rating

UL 94V-0

**Packaging Features**

Packaging Quantity

1500

Packaging Method

Box, Carton

**Product Compliance**For compliance documentation, visit the product page on [TE.com](http://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: JAN 2024 (240)

Candidate List Declared Against: JAN 2024 (240)

Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl &gt; 900 ppm.

Solder Process Capability

Wave solder capable to 240°C

**Product Compliance Disclaimer**

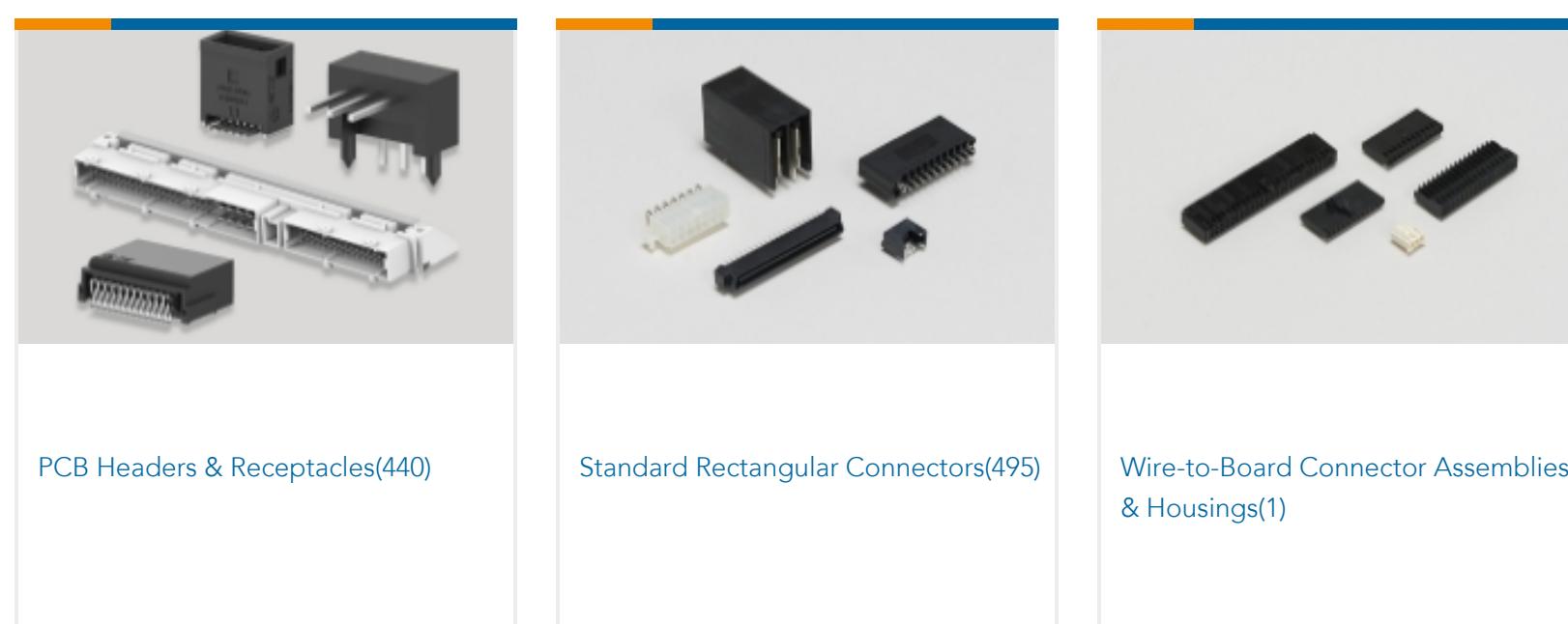
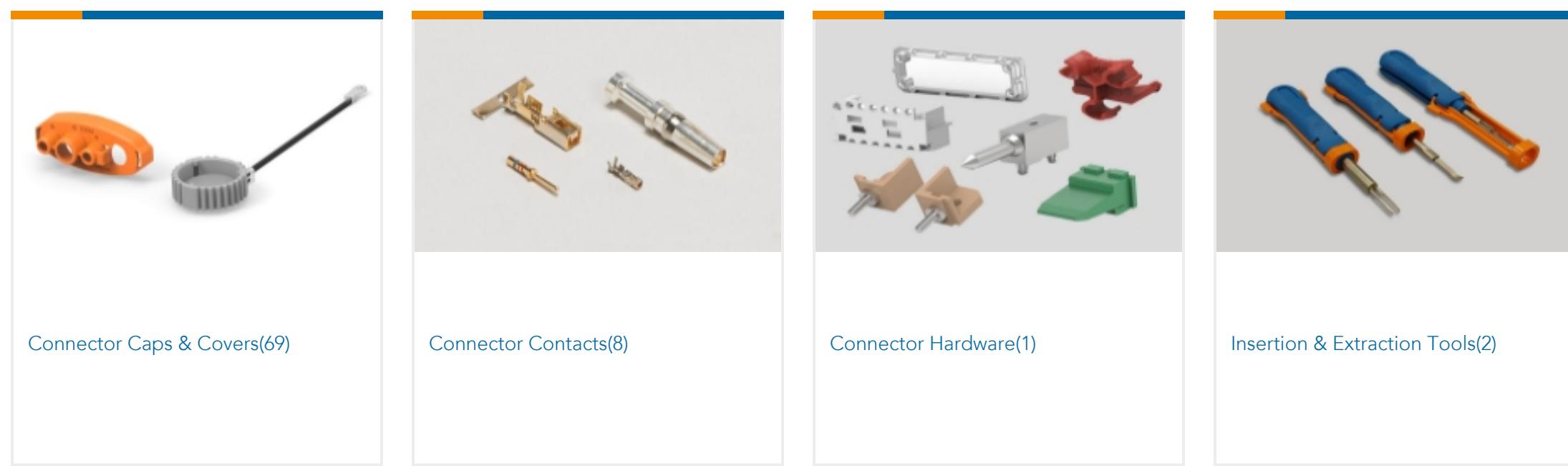
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as

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>

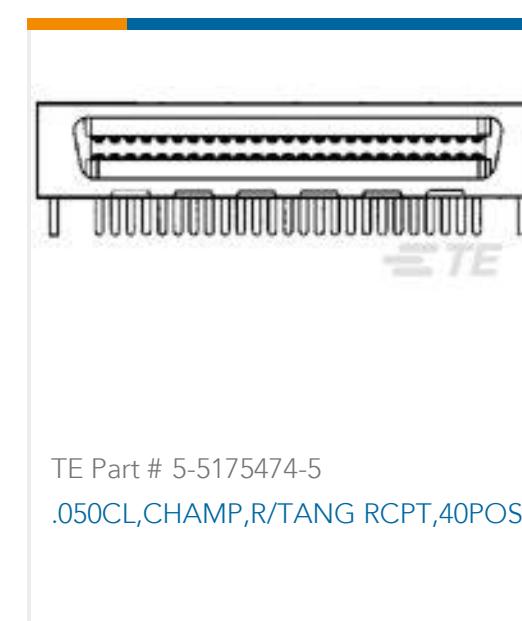
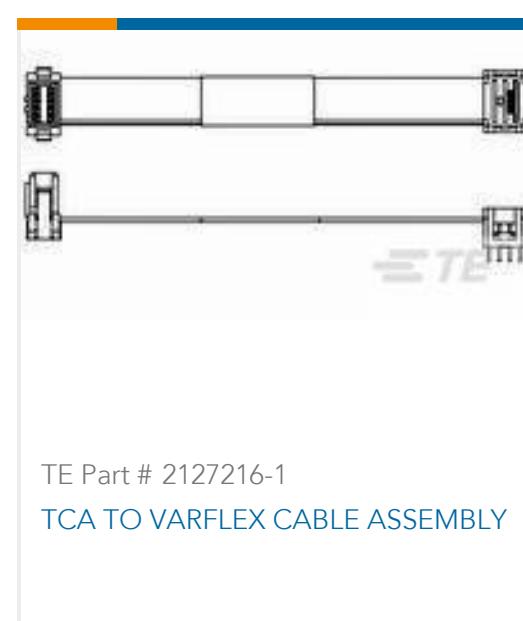
## Compatible Parts



## Also in the Series | MTA 100



## Customers Also Bought

TE Part # 2007399-5  
SFP+assy 2x4 Gasket 4 Lp SnTE Part # 350990-4  
09P UMNL HDR ASSY LNG/TLTE Part # 3-5175474-6  
CHAMP 050 B/B REC H W/LEG 50PTE Part # 5-5175474-5  
.050CL,CHAMP,R/TANG RCPT,40POSTE Part # 1423038-1  
W91-X1110-3TE Part # 2127216-1  
TCA TO VARFLEX CABLE ASSEMBLY

## Documents

### Product Drawings

#### 05P MTA100 SHRD HDR ASSY 30AU

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

#### [ENG\\_CVM\\_CVM\\_2-644487-5\\_H.2d\\_dxf.zip](#)

English

#### Customer View Model

#### [ENG\\_CVM\\_CVM\\_2-644487-5\\_H.3d\\_igs.zip](#)

English

#### Customer View Model

#### [ENG\\_CVM\\_CVM\\_2-644487-5\\_H.3d\\_stp.zip](#)

English

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

### Product Specifications

#### Application Specification

English

### Agency Approvals

#### CSA Certificate

English