

3-1744163-4 ✓ ACTIVE



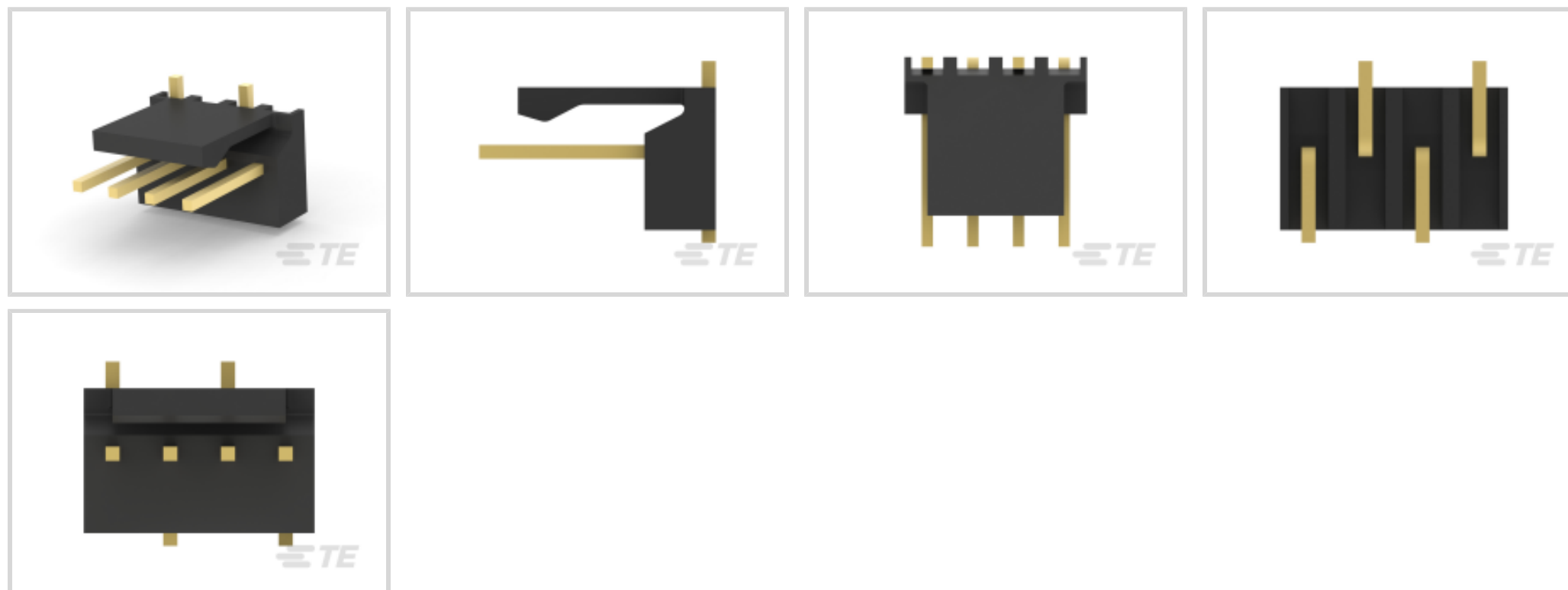
MTA 100

TE Internal #: 3-1744163-4

PCB Mount Header, Right Angle, Wire-to-Board, 4 Position, 2.54 mm [.1 in] Centerline, Partially Shrouded, Tin, Surface Mount, Signal, Black, MTA 100

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles > PCB Header: Nylon, Right Angle, Surface Mount, MTA 100



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **4**

Number of Rows: **1**

[All PCB Header: Nylon, Right Angle, Surface Mount, MTA 100 \(2\)](#)

Features

Electrical Characteristics

Operating Voltage	250 VAC
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Dimensions

Connector Width	6.35 mm[.25 in]
PCB Thickness (Recommended)	.25 mm[.01 in]
Connector Height	10.67 mm[.42 in]
Connector Length	10.16 mm[.4 in]

Packaging Features

Packaging Quantity	225
Packaging Method	Reel

Industry Standards

Compatible With Agency/Standards Products	UL
Compatible With Approved Standards Products	UL E28476



UL Flammability Rating	UL 94V-0
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Mechanical Attachment

Mating Retention	With
Mating Alignment Type	Polarization
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	With

Termination Features

Square Termination Post & Tail Dimension	.64 mm[.025 in]
Termination Method to PCB	Surface Mount

Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 μ m[50 μ in]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	3.81 μ m[150 μ in]
Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	3.81 – 6.35 μ m[150 – 250 μ in]
Contact Layout	Inline
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material	Tin
Contact Type	Pin
Contact Current Rating (Max)	5 A

Housing Features

Housing Material	Nylon
Centerline (Pitch)	2.54 mm[.1 in]

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Partially Shrouded



Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Right Angle
Number of Positions	4
Number of Rows	1

Body Features

Primary Product Color	Black
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Usage Conditions

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

Circuit Application	Signal
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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: JUNE 2024 (241) 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	Reflow solder capable to 260°C

Product Compliance Disclaimer

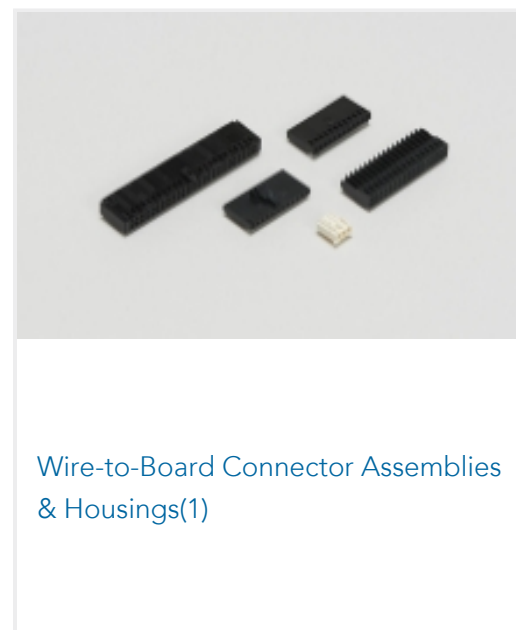
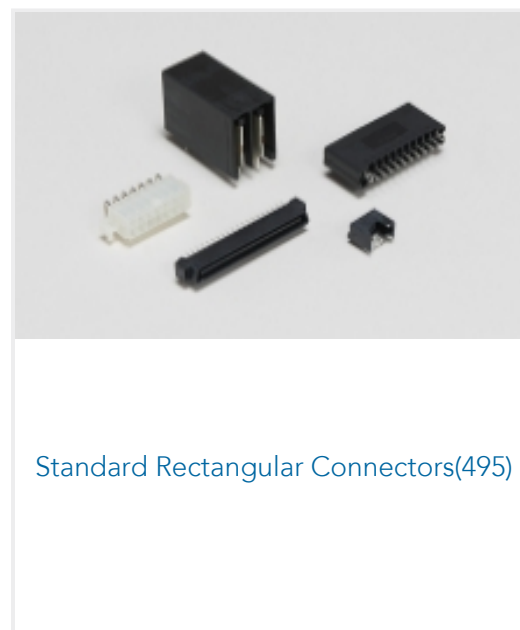
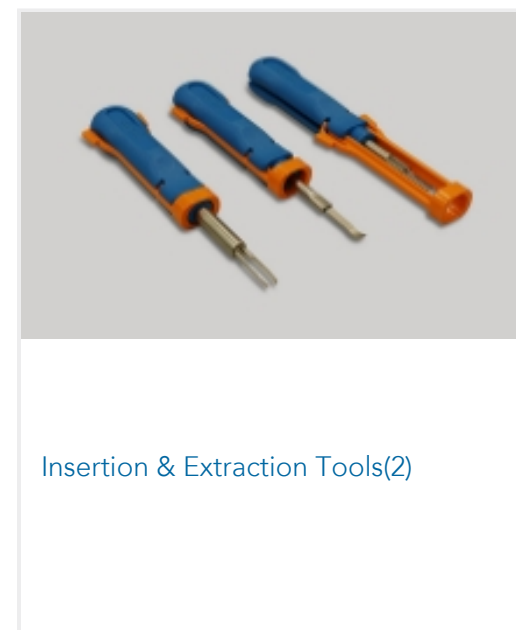
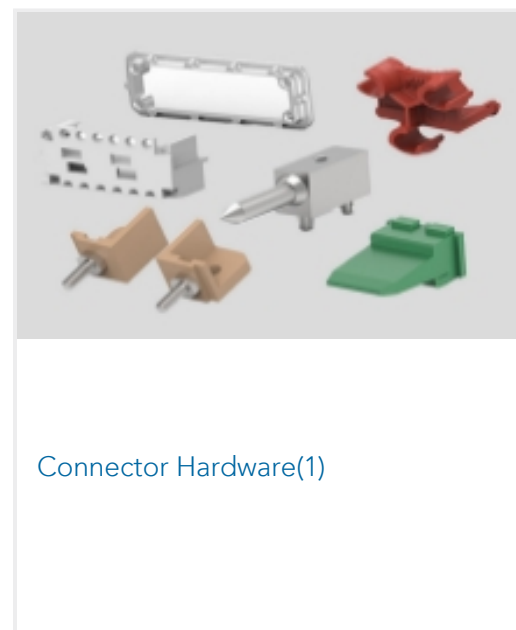
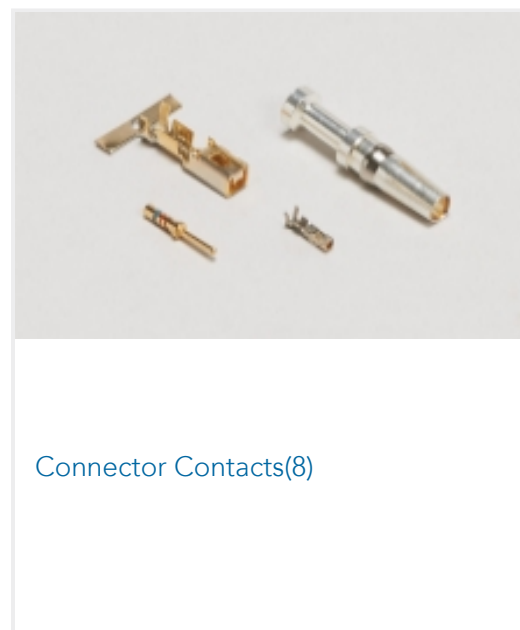
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 #5-147291-5
03 MODII HDR SR SFMT B/A T&R,
lead-Free



TE Part #292171-3
CT POST HDR ASSY 3P IN-TUBE BL



TE Part #1-2007637-8
SFP+ assy 2x2 EMI Spg No LP
Enhanced



TE Part #3-1744163-5
05P MTA100 HDR ASSY SM 30AU LF
T&R



TE Part #120591-1
TOP LOAD BATTERY



TE Part #CAT-HSC0004
HTU21D Digital High Accuracy RH/T
Sensor

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_3-1744163-4_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-1744163-4_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_3-1744163-4_B.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

Agency Approval Document

English