1744382-8 ✔ ACTIVE

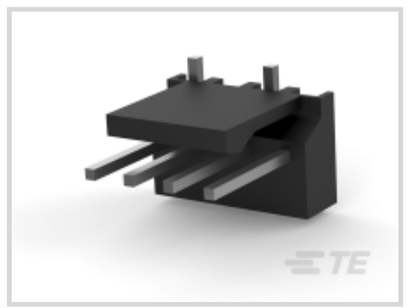
MTA 100

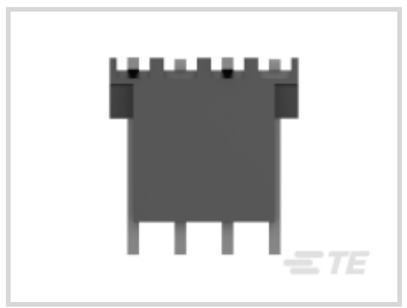
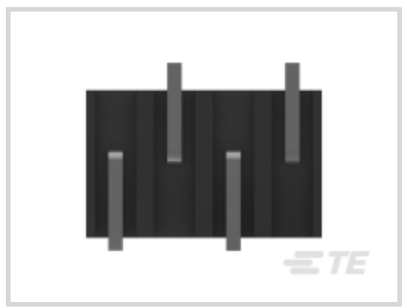
TE Internal #: 1744382-8

PCB Mount Header, Right Angle, Wire-to-Board, 8 Position, 2.54 mm [.1 in] Centerline, Partially Shrouded, Tin (Sn), Surface Mount, Signal, MTA 100

View on TE.com >

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




PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **8**

Number of Rows: **1**

All PCB Header: Nylon, Right Angle, Surface Mount, MTA 100 (2)

Features

Product Type Features

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

Configuration Features

PCB Mount Orientation	Right Angle
Number of Positions	8
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VDC

Body Features

Primary Product Color	Black

Contact Features

PCB Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	3.81 – 6.35 µm[150 – 250 µin]
Mating Square Post Dimension	.64 mm[.025 in]
PCB Contact Termination Area Plating Material Thickness	3.81 – 6.35 µm[150 – 250 µin]
Contact Layout	Inline
Contact Mating Area Length	7.37 mm[.29 in]
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 (Sn)
Contact Type	Pin
Contact Current Rating (Max)	5 A

Termination Features

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

Mechanical Attachment

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

Housing Features

Housing Material	Nylon 4/6
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Connector Width	6.35 mm[.25 in]

PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Height	8.81 mm[.347 in]
Connector Length	10 mm[.393 in]

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	225
Packaging Method	Reel

Product Compliance

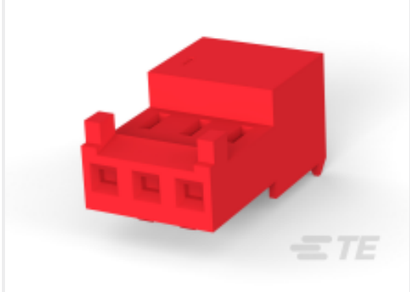
For compliance documentation, visit the product page on TE.com>

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

Compatible Parts

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

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

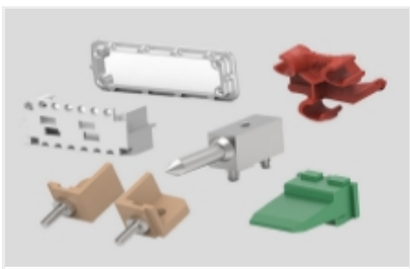


TE Part # CAT-104MTA-NTPMR
Nylon Tin Plated Receptacle: 2.54 mm, with Mating Alignment, MTA 100

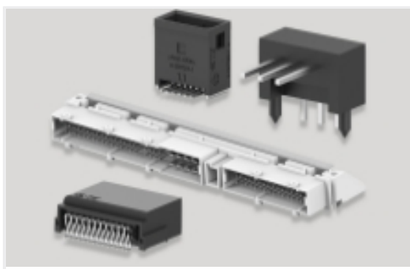
Also in the Series | MTA 100

Connector Caps & Covers(69)

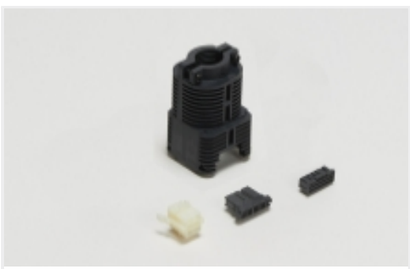
Connector Contacts(8)



Connector Hardware(1)

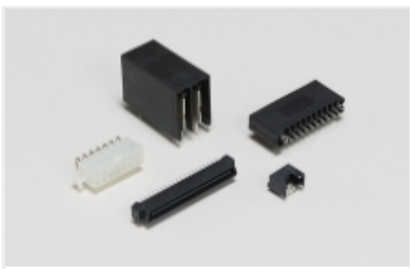


PCB Headers & Receptacles(441)

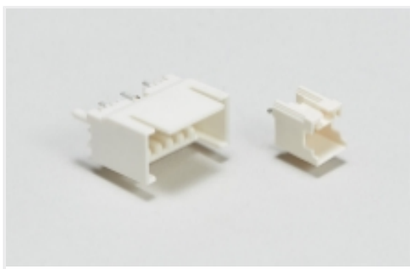


Rectangular Connector Housings(1)

Rectangular Power Connectors(1)



Standard Rectangular Connectors(496)



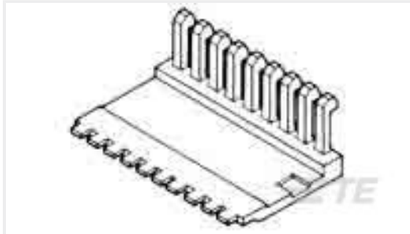
Wire-to-Board Headers & Receptacles (441)

Customers Also Bought

TE Part #2201778-1
MICRO SD PUSH PUSH LOW PROFILE TYPE

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

TE Part #794423-1
06P MINI UMNL STR RELIEF P&CAP

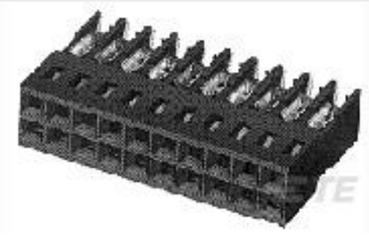


TE Part #1-102536-8
40 AMPMODU MT COVER DR .100CL

TE Part #2834077-2
5.08MM TOP ENTRY MSC 3P_GY

TE Part #1-640455-6
16P MTA100 HDR ASSY SQ R/A POL

TE Part #4-643813-6
16P MTA100 CONN ASSY POL RIB



TE Part #5-102398-5
14 AMPMODU MT ASSY DR.100CL SN

TE Part #644752-2
02P MTA156 HDR ASSY SQ STR F/L

Documents

Product Drawings

08P MTA100 HDR ASSY,SM,SN, LF

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1744382-8_C_c-1744382-8-c.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1744382-8_C_c-1744382-8-c.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1744382-8_C_c-1744382-8-c.3d_stp.zip

English

Product Specifications

Application Specification

English