



MTA 100

TE Internal #: 3-641238-4

Standard Rectangular Connectors, Connector Assembly,
Receptacle, Mating Retention, Insulation Displacement (IDC), Wire-
to-Board, MTA 100

[View on TE.com >](#)

Connectors > Rectangular Connectors > Standard Rectangular Connectors > Nylon Gold Plated Receptacle: 2.54 mm, no Mating Alignment



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

Mating Alignment: **Without**

Mating Retention: **With**

Mating Retention Type: **Locking Ramp**

[All Nylon Gold Plated Receptacle: 2.54 mm, no Mating Alignment \(89\)](#)

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	4
Contacts Preloaded	Yes
Number of Positions	4
Number of Rows	1



Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Contact Type	Receptacle
Wire Contact Termination Area Plating Material	Tin
Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Gold, Gold Flash over Palladium Nickel
Contact Retention Within Housing	With
Contact Current Rating (Max)	5 A

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Mechanical Attachment

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

Housing Features

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

Dimensions

Connector Height	13.21 mm[.52 in]
Product Width	6.99 mm[.275 in]
Product Length	10.16 mm[.4 in]
Wire Size	.2 mm²

Usage Conditions

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

Shielded	No
Circuit Application	Signal

Industry Standards



CSA Rating	LR 7189
UL Rating	Recognized
Agency/Standard	CSA, UL
Approved Standards	UL E28476
UL Flammability Rating	UL 94V-2

Packaging Features

Packaging Quantity	500
Packaging Method	Package

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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>

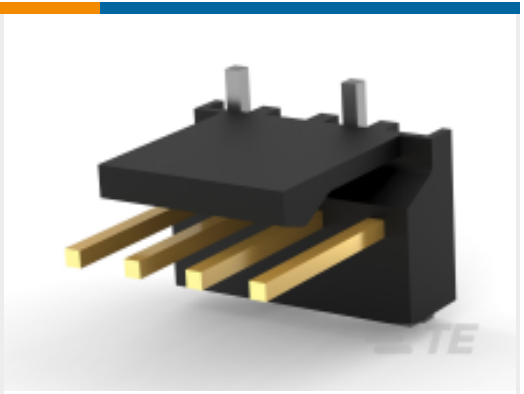
Compatible Parts



TE Part # CAT-104MTA-PRUSH
PCB Header: Polyester, Right Angle, Unshrouded



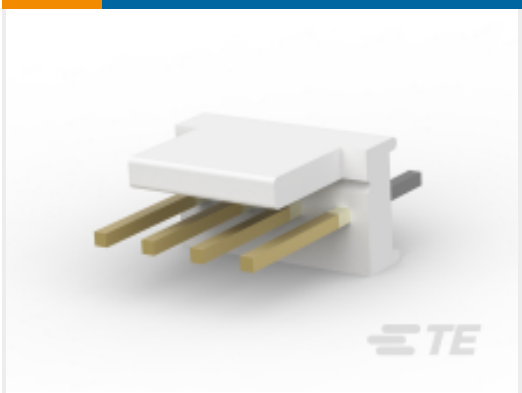
TE Part # CAT-104MTA-NYLCC
Nylon PCB Connector Covers: 2.54 mm, MTA 100



TE Part # 3-647168-4
04P MTA100 HDR ASSY SM 30AU LF



TE Part # CAT-104MTA-PVSHH
Polyester Vertical PCB Header: 2.54 mm, Shrouded, MTA 100



TE Part # 3-641213-4
04P MTA100 HDR ASSY PO/ST LF



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



TE Part # 58074-1
MTA 50/100/156 MANUAL TOOL FRAME



TE Part # 644884-4
04P MTA100 HDR ASSY, NARROW AU



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



TE Part # CAT-104MTA-NVTHH
Nylon Vertical PCB Header: 2.54mm, Through Hole, MTA 100



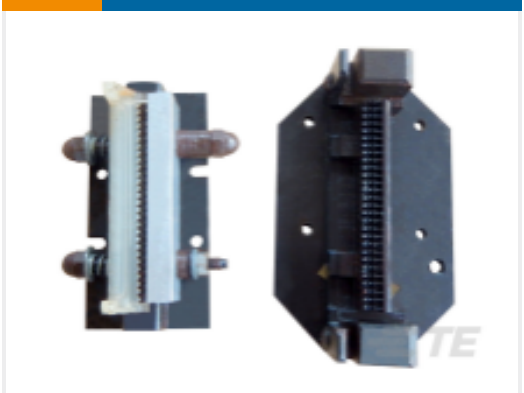
TE Part # 3-641214-4
04P MTA100 HDR ASSY PO/RA LF



TE Part # 58246-3
MTA 100 CRIMP HEAD PRODUCTION RBBN CABLE



TE Part # 58579-1
MTA 100 MANUAL TOOL ASSEMBLY DISCRETE



TE Part # 58039-1
MTA 100 ARBOR FIXTURE DISCRETE RBN CABLE

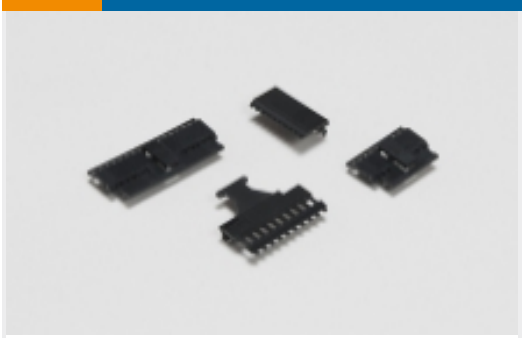


TE Part # 58246-2
MTA 100 CRIMP HEAD PRODUCTION DISCRETE

Also in the Series | **MTA 100**



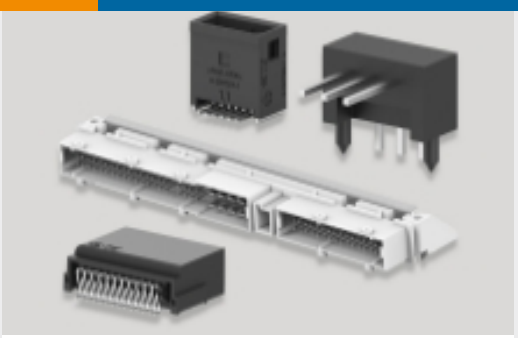
Insertion & Extraction Tools(2)



PCB Connector Covers(69)



PCB Connector Keying(1)



PCB Headers & Receptacles(440)



Standard Rectangular Connectors(495)



Wire-to-Board Connector Assemblies & Housings(1)



Wire-to-Board Connector Contacts(8)

Customers Also Bought



TE Part #3-641239-5
05P MTA100 CONN ASSY BLU LF



TE Part #208478-1
CMC PLUG ASSEMBLY,SZ 28



TE Part #1658611-2
25 POS HDF PLUG, AP, LEAD FREE



TE Part #193673-2
SKT ASSY.,CRIMP, 4MM, 10AWG



TE Part #6009112002
DWP-125-3/16-0-STK



TE Part #2951512003
DWP-125-1/4-0-STK



TE Part #5500282020
SCL-3/16-0-STK

Documents

Product Drawings

04P MTA100 CONN ASSY NATL 30AU

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-641238-4_W.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-641238-4_W.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-641238-4_W.3d_stp.zip

English

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Product Specifications

[Product Specification](#)

English

Agency Approvals

[CSA Certificate](#)

English