



MTA 100

TE Internal #: 3-1744020-2

Connector Assembly, Receptacle, Mating Alignment, Polarization
Mating Alignment Type, Mating Retention, MTA 100, Standard
Rectangular Connectors

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Connectors > Rectangular Connectors > Standard Rectangular Connectors >

Nylon Gold Plated Receptacle: 2.54 mm, with Mating Alignment, MTA 100



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

Mating Alignment: **With**

Mating Alignment Type: **Polarization**

Mating Retention: **With**

[All Nylon Gold Plated Receptacle: 2.54 mm, with Mating Alignment, MTA 100 \(74\)](#)

Features

Product Type Features

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
Compatible With Discrete Wire Type	Stranded

Mechanical Attachment

Mating Alignment	With
Mating Alignment Type	Polarization
Mating Retention	With
Mating Retention Type	Locking Ramp



Connector Mounting Type	Cable Mount (Free-Hanging)
Contact Retention Type Within Housing	Locking Lance
Termination Features	
Termination Method to Wire & Cable	Insulation Displacement (IDC)
Operation/Application	
Shielded	No
Circuit Application	Signal
Contact Features	
Contact Mating Area Plating Material	Gold Flash over Palladium Nickel, Gold
Contact Retention Within Housing	With
Contact Current Rating (Max)	5 A
Contact Underplating Material	Nickel
Wire Contact Termination Area Plating Material	Tin
Contact Type	Receptacle
Industry Standards	
UL Flammability Rating	UL 94V-0
Configuration Features	
Number of Positions	2
Number of Rows	1
Number of Cavities	2
Contacts Preloaded	Yes
Housing Features	
Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	Nylon
Housing Color	White
Electrical Characteristics	
Operating Voltage	250 VAC
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Other	
EU RoHS Compliance	Compliant



EU ELV Compliance	Compliant
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Dimensions

Product Width	6.99 mm[.275 in]
Product Length	5.08 mm[.2 in]
Connector Height	13.21 mm[.52 in]
Wire Size	24 AWG

Packaging Features

Packaging Quantity	500
Packaging Method	Box

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	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>

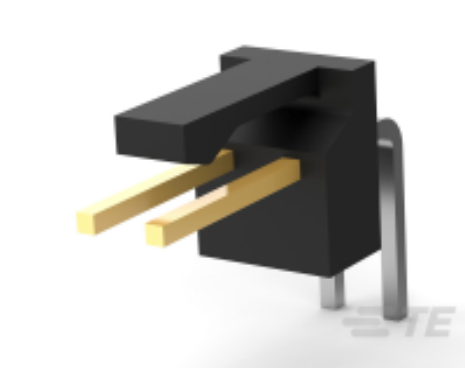
Compatible Parts



TE Part # 640550-2
02P MTA100 COVER



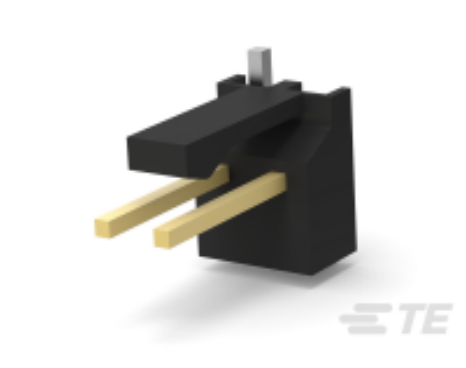
TE Part # CAT-104MTA-PVUNH
PCB Header: Polyester, Vertical, Unshrouded, No Mating Alignment



TE Part # 3-647079-2
02P MTA100 HDR FLRAFB 15AU LF



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



TE Part # 3-647167-2
02P MTA100 HDR ASSY SM 15AU LF



TE Part # 3-641127-2
02P MTA100 HDR ASSY FL/RA LF

Also in the Series | MTA 100



Connector Caps & Covers(69)



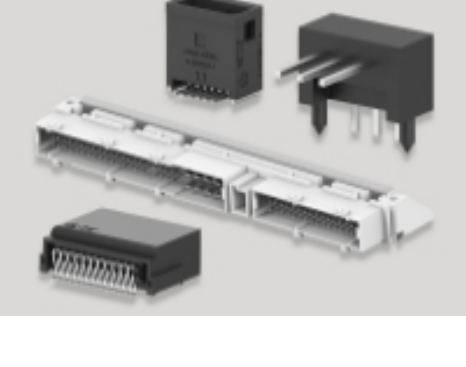
Connector Contacts(8)



Connector Hardware(1)



Insertion & Extraction Tools(2)



PCB Headers & Receptacles(441)



Standard Rectangular Connectors(495)



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

Customers Also Bought



TE Part #2-36152-1
PIDG 22-16 22-18 MIL R 6; TAPE



TE Part #2-34541-1
PIDG SPD 22-16 COMM 22-18MIL 6



TE Part #3-641191-2
02P MTA100 CONN ASSY WHT LF



TE Part #3-647167-2
02P MTA100 HDR ASSY SM 15AU LF



Documents

Product Drawings

02P MTA100 CONN ASSY LF

English

CAD Files

Customer View Model

ENG_CVM_CVM_3-1744020-2_D.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-1744020-2_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-1744020-2_D.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

Agency Approval Document

English