



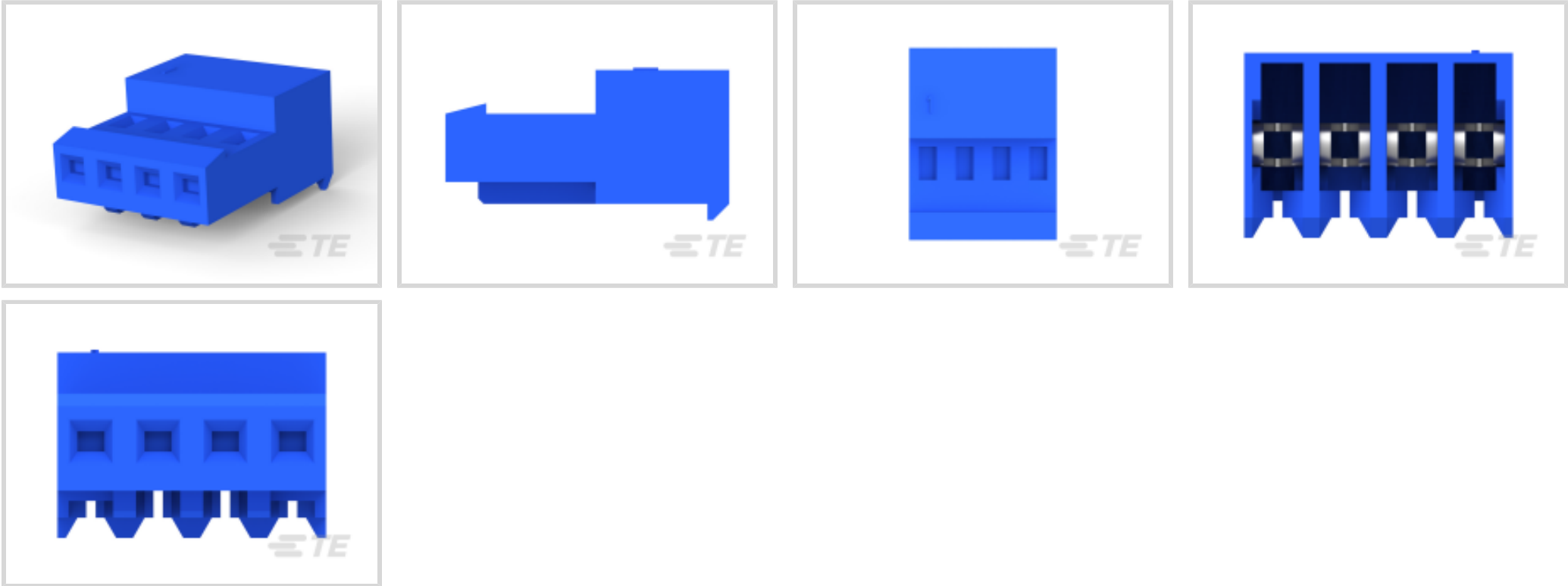
MTA 100

TE Internal #: 3-641192-4

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

[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

Packaging Features

Packaging Quantity	500
Packaging Method	Bag/Box

Dimensions

Product Width	7.75 mm[.305 in]
Product Length	10.16 mm[.4 in]
Connector Height	13.21 mm[.52 in]
Wire Size	26 AWG

Housing Features

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

Configuration Features

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

Industry Standards

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

Contact Features

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

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

Mechanical Attachment

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

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Electrical Characteristics

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Operating Voltage	250 VAC
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Usage Conditions

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

Shielded	No
Circuit Application	Signal

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	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-NYLCC
Nylon PCB Connector Covers: 2.54 mm, MTA 100

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

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

TE Part # 3-641126-4
04P MTA100 HDR ASY FL/STR LF

TE Part # 3-647078-4
04P MTA100 HDR HT FL 15AU LF

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

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

TE Part # 3-641127-4
04P MTA100 HDR ASSY FL/RA LF

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

TE Part # 3-647016-4
04P MTA100 PSTD CONN ASSY LF

TE Part # 3-647167-4
04P MTA100 HDR ASSY SM 15AU 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)

Wire-to-Board Headers & Receptacles (441)

Customers Also Bought



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

TE Part #3-641190-3
03P MTA100 CONN ASSY RED LF

TE Part #1648152-1
241-28-01100

TE Part #284517-3
3P TERMIBLOK HDR DIR POLAR

TE Part #5-102589-8
12 MODII 2PC HDR DRRA SHRD,
ROHS

TE Part #1986374-2
Str Plug, 3.81mm, Green, RH, 2

TE Part #5-1971800-1
NEW GI CONN2.5 HDR ASMBLY 5P
NC D1.5

TE Part #85CV-050A-0R
NISO,CV,NO FITTING,CBL

TE Part #354662-E
STVE 48 F ACE GGG 7-01 LOE 8,0 *
237 E00

Documents

Product Drawings

04P MTA100 CONN ASSY BLU LF

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-641192-4_AA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-641192-4_AA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-641192-4_AA.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