



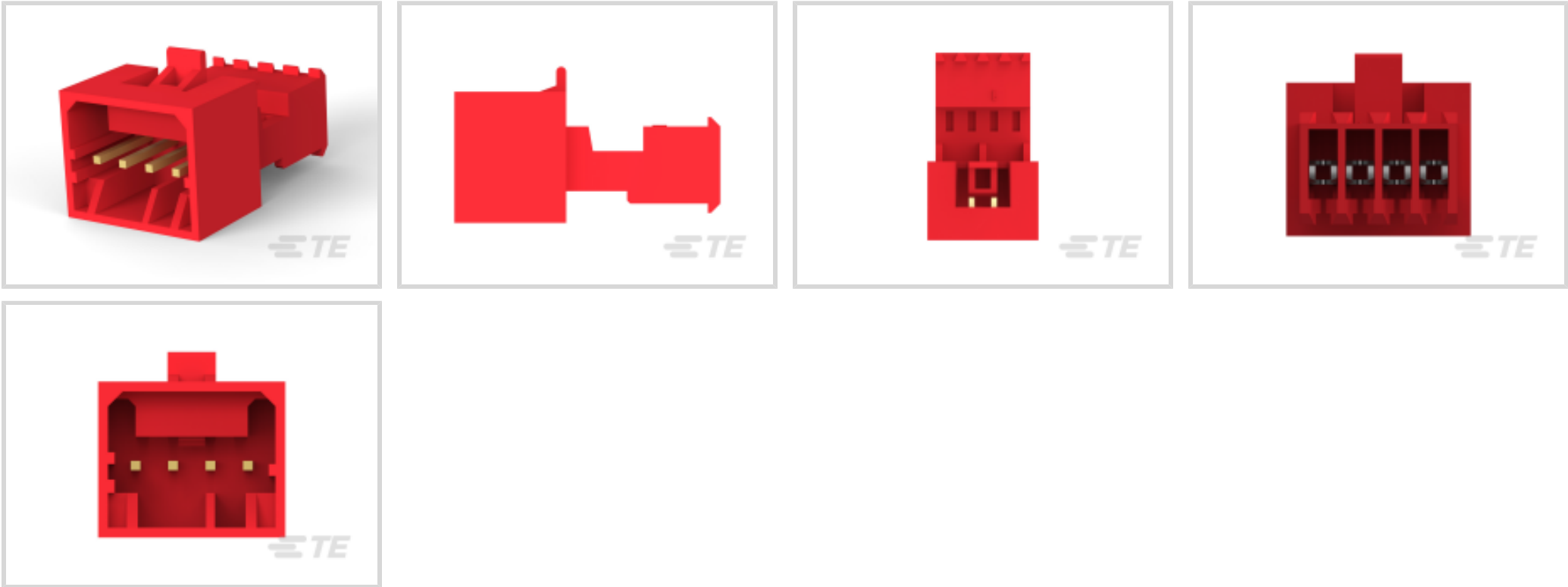
MTA 100

TE Internal #: 3-647016-4

4 Position, Plug, Connector Assembly, Insulation Displacement (IDC), Wire-to-Wire, Gold (Au) / Gold Flash over Palladium Nickel, UL 94V-2, MTA 100

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Connectors > Rectangular Connectors > Standard Rectangular Connectors > Nylon Gold Plated Plug: 2.54 mm, with Mating Alignment, MTA 100



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Plug**

Mating Alignment: **With**

Mating Alignment Type: **Polarization**

Mating Retention: **With**

[All Nylon Gold Plated Plug: 2.54 mm, with Mating Alignment, MTA 100 \(10\)](#)

Features

Product Type Features

Compatible With Discrete Wire Type	Stranded
Connector Product Type	Connector Assembly
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
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

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Operating Voltage	250 VAC
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Body Features

Primary Product Color	Red
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Contact Features

Contact Underplating Material	Nickel
Wire Contact Termination Area Plating Material	Tin
Contact Type	Tab
Contact Mating Area Plating Material	Gold (Au), 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	With
Mating Alignment Type	Polarization
Mating Retention	With
Mating Retention Type	Latch
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

Compatible Insulation Diameter (Max)	1.52 mm[.06 in]
Connector Width	21.4 mm[.843 in]
Connector Height	12.55 mm[.494 in]
Wire Size	22 AWG
Connector Length	12.7 mm[.5 in]

Usage Conditions

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

Shielded	No
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Circuit Application	Signal
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Industry Standards

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

Packaging Features

Packaging Quantity	200
Packaging Method	Bag/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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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-PLSCC
Polyester PCB Connector Covers: 2.54 mm, MTA 100

TE Part # CAT-104MTA-NGPNR
Nylon Gold Plated Receptacle: 2.54 mm, no Mating Alignment

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

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 # 58638-1
MTA 100 CRIMP HEAD PRODUCTION POSTED

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 Connector Assemblies & Housings(457)

Customers Also Bought



TE Part #CAT-104MTA-NTPNR
MTA Receptacle: Nylon, Tin Plated, 2.54 mm

TE Part #3-641522-4
04P MTA156 POST CON ASSY ORNG

TE Part #3-641524-4
04P MTA156 POST CON ASSY LF

TE Part #3-644468-4
04P MTA156 CONN ASSY 24AWG LF

TE Part #644518-4
04P MTA100 HDR ASSY FL STR SN

TE Part #3-647000-4
04P MTA100 PSTD CONN ASSY LF

TE Part #861647-7
RECPT FLANGED HV 7 CONTACT

TE Part #5-2176479-2
RA73F 1J 174R 0.1% 5K RL

TE Part #254780-E
CCA PFT M12 5 F-S A M12 5 M-S A **
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Documents

Product Drawings

04P MTA100 PSTD CONN ASSY LF

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-647016-4_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-647016-4_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-647016-4_H.3d_stp.zip

English

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Product Specifications



Application Specification

English

Agency Approvals

UL

English