

647016-2 ✓ ACTIVE

MTA 100

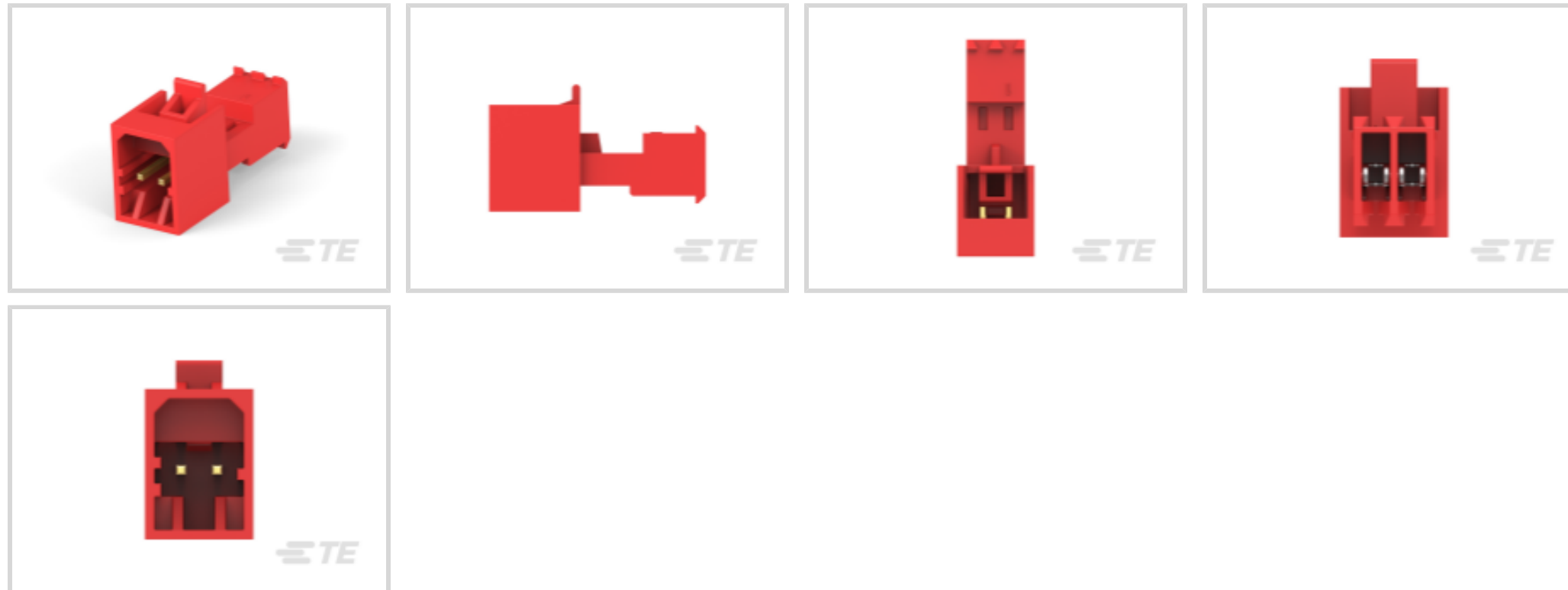
TE Internal #: 647016-2

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

[View on TE.com >](#)



Connectors > Rectangular Connectors > Standard Rectangular Connectors > Nylon Gold Plated Plug: 2.54mm, 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: 2.54mm, With Mating Alignment, MTA 100 \(99\)](#)

Features

Product Type Features

Product Style	Assembly
Shape	Rectangular
Wire/Cable Type	Stranded
Connector Type	Connector Assembly
Housing Type	Tab Housing
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	2
Number of Positions	2



Number of Rows	1
Panel Gasket	Without

Electrical Characteristics

Operating Voltage	250 VAC
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Contact Features

Contact Transmits (Typical)	Signal
Contact Layout	In-line
Contact Type	Tab
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

Panel Mount	No
Contact Retention Type Within Housing	Locking Lance
Panel Mount Feature	Without
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
Housing Color	Red
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Height	12.55 mm[.494 in]
Length	7.62 mm[.3 in]
Width	21.4 mm[.843 in]



Insulation Diameter (Max)	1.52 mm[.06 in]
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Wire Size	.3 – .4 mm ²
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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

Agency/Standard	CSA, UL
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UL Rating	Recognized
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CSA File Number	LR7189
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UL File Number	E28476
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CSA Rating	Certified
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UL Flammability Rating	UL 94V-2
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Packaging Features

Packaging Quantity	300
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Packaging Method	Bag/Box
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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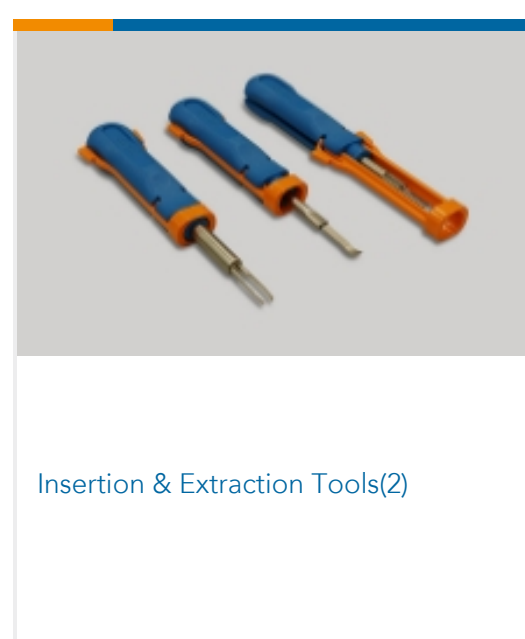
Product Compliance Disclaimer

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



Also in the Series | MTA 100





Standard Rectangular Connectors
(1718)



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



Wire-to-Board Connector Contacts(18)

Customers Also Bought



TE Part #YACT26MA98SEV00100
STRAIGHT PLUG



TE Part #YACT26MG35SCV00100
STRAIGHT PLUG



TE Part #EF9981-000
222K121-25L/225-0



TE Part #ZPF000000000146309
DMC-MD 26 G-K-T



TE Part #ZPF000000000148912
DMC-MD 26 A-T



TE Part #ZPF000000000148762
DMC-M 99-04 AN (=33537-P0000)



TE Part #ZPF000000000146308
DMC-MD 26 F-K-T

Documents

Product Drawings

[02P MTA100 PSTD CONN ASSY 15AU](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_647016-2_H_c-647016-2-h.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_647016-2_H_c-647016-2-h.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_647016-2_H_c-647016-2-h.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

MTA, CST-100 II, SL-156 and AMP Economy Power (EP) Connectors

English