

MTA 100

TE Internal #: 4-641190-4

Standard Rectangular Connectors, Connector Assembly,

Receptacle, Mating Retention, Insulation Displacement (IDC), Wire-

to-Board, MTA 100

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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	14

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Contacts Preloaded	Yes
Number of Positions	14
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC	

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)
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	Red
Centerline (Pitch)	2.54 mm[.1 in]
Dimensions	
Connector Height	13.21 mm[.52 in]
Product Width	6.99 mm[.275 in]
Product Length	35.56 mm[1.4 in]
Wire Size	$.34 \text{ mm}^2$
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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	250
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	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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 # 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(451)



Standard Rectangular Connectors(497)



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



Wire-to-Board Connector Contacts(8)

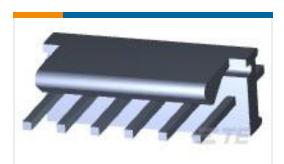
Customers Also Bought



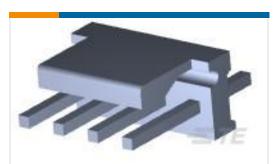
TE Part #4-643813-2 12P MTA100 CONN ASSY POL RIB



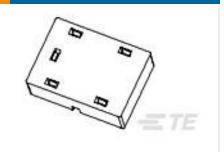
TE Part #3-641237-7 07P MTA100 CONN ASSY RED 30AU



TE Part #3-641126-6 06P MTA100 HDR ASY FL/STR LF



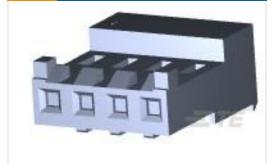
TE Part #644752-4 04P MTA156 HDR ASSY SQ STR F/L



TE Part #1423682-1 27E1064=SOCKET,PCB,T7C/T7N



TE Part #T4171110005-001 M12,REAR MOUNTING,FEMALE,A,5P, 0.2M WIRE



TE Part #3-643817-4 04P MTA156 CONN ASSY 18AWG ORA



TE Part #4-640426-4 14P MTA156 CONN ASSY 18AWG ORA





Documents

Product Drawings

14P MTA100 CONN ASSY RED LF

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-641190-4_S.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-641190-4_S.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-641190-4_S.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

Agency Approval Document

English