



MTA 100

TE Internal #: 5-640440-2
22 Position, Receptacle, Connector Assembly, Insulation
Displacement (IDC), Wire-to-Board, Tin (Sn), Normal, UL 94V-2,
MTA 100

[View on TE.com >](#)

Connectors > Rectangular Connectors > Standard Rectangular Connectors > MTA Receptacle: Nylon, Tin Plated, 2.54 mm



Connector Product Type: **Connector Assembly**
Mating Alignment: **Without**
Connector & Housing Type: **Receptacle**
Mating Retention Type: **Locking Ramp**
Connector System: **Wire-to-Board**

[All MTA Receptacle: Nylon, Tin Plated, 2.54 mm \(167\)](#)

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	22
Contacts Preloaded	Yes
Number of Positions	22
Number of Rows	1

Electrical Characteristics

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	Receptacle
Contact Mating Area Plating Material	Tin (Sn)
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	Without
Mating Retention Type	Locking Ramp
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

Connector Width	6.99 mm[.275 in]
Connector Height	13.21 mm[.52 in]
Wire Size	22 AWG
Connector Length	55.88 mm[2.2 in]

Usage Conditions

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

Shielded	No
Circuit Application	Signal

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	250
Packaging Method	Package

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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
Solder Process Capability	Not applicable for solder process capability

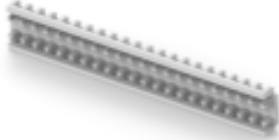
Product Compliance Disclaimer

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 # 58246-1
MTA 100 CRIMP HEAD REPAIR
DISCRETE



TE Part # 2-643077-2
22P MTA100 MOLDED COVER F/T



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



TE Part # 2-640550-2
22P MTA100 COVER



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



TE Part # 5-644457-2
22P MTA100 HDR ASSY R/A NARROW



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



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



TE Part # 2-640456-2
22P MTA100 HDR ASSY F/L SQ STR

Also in the Series | **MTA 100**



Connector Caps & Covers(69)



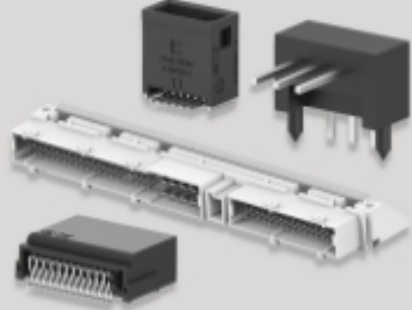
Connector Contacts(8)



Connector Hardware(1)



Insertion & Extraction Tools(2)



PCB Headers & Receptacles(441)



Rectangular Power Connectors(1)



Wire-to-Board Connector Assemblies
& Housings(457)



Wire-to-Board Headers & Receptacles
(441)

Customers Also Bought

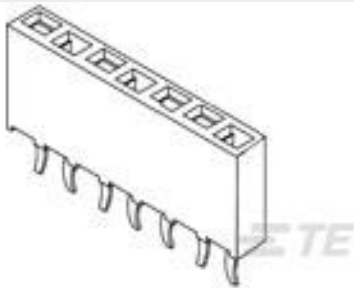




TE Part #GA10K3A1B
DISCRETE 10K OHMS,+/-0.2C FROM
0C TO 70C



TE Part #HD14-9-96P
REC, 9P, GRY, N, THRD, 16



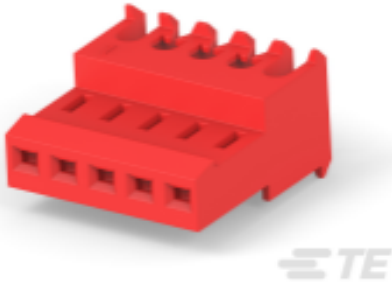
TE Part #2-215297-0
20P HV100 REC CON. TE, 7.0MM



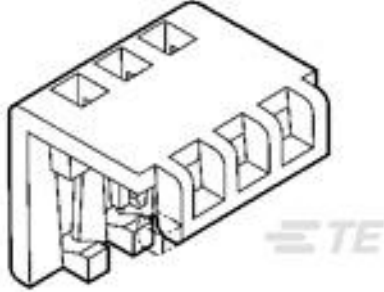
TE Part #640385-8
08P MTA156 HDR ASSY SQ R/A



TE Part #3-640443-2
02P MTA100 CONN ASSY GRN



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



TE Part #1-643075-0
10P MTA100 MOLDED COVER



TE Part #3-1393240-5
RT33L024



TE Part #5227161-2
RTANG JK W/MTG PINS, BNC PCB

Documents

Product Drawings

22P MTA100 CONN ASSY 22AWG RED

English

CAD Files

Customer View Model

ENG_CVM_CVM_5-640440-2_L.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-640440-2_L.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-640440-2_L.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

Agency Approvals

Agency Approval Document

English