3-644043-4 - ACTIVE

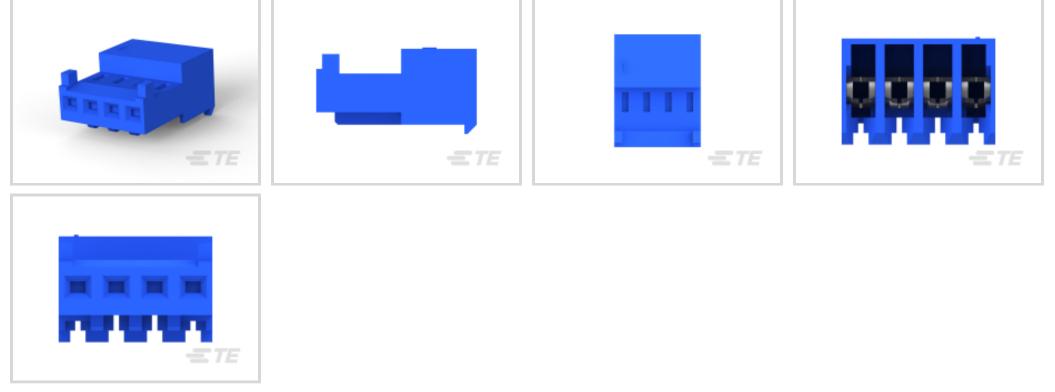
MTA 100

TE Internal #: 3-644043-4 Standard Rectangular Connectors, Connector Assembly, Receptacle, Mating Alignment, Polarization Mating Alignment Type, Mating Retention, MTA 100

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors >

Nylon Gold Plated Receptacle: 2.54 mm, with Mating Alignment, MTA 100



Connector Product Type: Connector Assembly

Connector & Housing Type: Receptacle

Mating Alignment: With

Mating Alignment Type: Polarization

Mating Retention: With

All Nylon Gold Plated Receptacle: 2.54 mm, with Mating Alignment, MTA 100 (244)



Features

Product Type Features

Product Style	Assembly
Shape	Rectangular
Wire/Cable Type	Stranded
Connector Type	Connector Assembly
Housing Type	Receptacle
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

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



Operating Voltage 250 VAC Contact Features Female Contact Type Female Vile Contact Termination Area Plating Material Tin Contact Mating Area Plating Material Sold, Gold Flash over Palladium Nickel Contact Retention Within Housing Gold, Gold Flash over Palladium Nickel Contact Retention Within Housing Sold, Gold Flash over Palladium Nickel Contact Current Rating (Max) Sold, Gold Flash over Palladium Nickel Contact Retention Within Housing Sold, Gold Flash over Palladium Nickel Termination Features Formination Sold, Gold Flash over Palladium Nickel Contact Retention Within Housing Nator Contact Retention Type Within Housing Isulation Displacement (IDC) Contact Retention Type Within Housing No Contact Retention Type Within Housing Nichur Mating Alignment Without Mating Alignment Type Operation Mating Alignment Type Contact Retention Type Mating Retention Type Contact Retention Type Mating Retention Type Contact Retention Type Mating Retention Type Contact Retention Type		
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Acchanical AttachmentPanel MountNoContact Retention Type Within HousingLocking LancePanel Mount FeatureWithoutPanel Mount FeatureWithoutMating AlignmentPolarizationMating Alignment TypePolarizationMating Retention TypeWithMating Retention TypeLocking RampConnector Mounting TypeCable Mount (Free-Hanging)Housing ColorBlueHousing ColorNylon 6/6Iconterline (Pitch)John (Jangent)WithJohn (Jangent)WithJohn (Jangent)WithJohn (Jangent)WithJohn (Jangent)Housing MaterialNylon 6/6NomeJohn (Jangent)WithJohn (Jangent)WithJohn (Jangent)WithJohn (Jangent)Housing MaterialNylon 6/6Housing MaterialManel (Jangent)WithJohn (Jangent)WithJohn (Jangent)Housing MaterialManel (Jangent)WithJohn (Jangent)Housing MaterialManel (Jangent)MothJohn (Jangent)Housing MaterialManel (Jangent)MaterialManel (Jangent)MaterialManel (Jangent)MaterialManel (Jangent)MaterialManel (Jangent)MaterialManel (Jangent)MaterialManel (Jangent)MaterialManel (Jangent)MaterialManel (Jangent)MaterialManel (Jangent) <td>Termination Features</td> <td></td>	Termination Features	
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Mating Alignment TypePolarizationMating RetentionWithMating Retention TypeLocking RampConnector Mounting TypeCable Mount (Free-Hanging)Housing FeaturesHousing ColorHousing MaterialBlueCenterline (Pitch)2.54 mm[.1 in]DimensionsWidthMating Light13.21 mm[.52 in]	Panel Mount Feature	Without
Mating RetentionWithMating Retention TypeLocking RampConnector Mounting TypeCable Mount (Free-Hanging)Housing FeaturesSubsectionHousing OclorBlueI housing MaterialNylon 6/6Centerline (Pitch)2.54 mm[.1 in]DimensionsSubsectionMidh1.321 mm[.52 in]HeightSop mm[.275 in]	Mating Alignment	With
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Housing Features Housing Color Blue Housing Material Nylon 6/6 Centerline (Pitch) 2.54 mm[.1 in] Dimensions 13.21 mm[.52 in] Height 6.99 mm[.275 in]	Mating Retention Type	Locking Ramp
Housing ColorBlueHousing MaterialNylon 6/6Centerline (Pitch)2.54 mm[.1 in]DimensionsVidthMidth13.21 mm[.52 in]Height6.99 mm[.275 in]	Connector Mounting Type	Cable Mount (Free-Hanging)
Housing MaterialNylon 6/6Centerline (Pitch)2.54 mm[.1 in]DimensionsI 3.21 mm[.52 in]Width6.99 mm[.275 in]	Housing Features	
Centerline (Pitch) 2.54 mm[.1 in] Dimensions 13.21 mm[.52 in] Width 6.99 mm[.275 in]	Housing Color	Blue
DimensionsWidth13.21 mm[.52 in]Height6.99 mm[.275 in]	Housing Material	Nylon 6/6
Width 13.21 mm[.52 in] Height 6.99 mm[.275 in]	Centerline (Pitch)	2.54 mm[.1 in]
Height 6.99 mm[.275 in]	Dimensions	
	Width	13.21 mm[.52 in]
Insulation Diameter (Max) 1.52 mm[.06 in]	Height	6.99 mm[.275 in]
	Insulation Diameter (Max)	1.52 mm[.06 in]

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



Length	10.16 mm[.4 in]
Wire Size	.12 – .15 mm²
Usage Conditions	
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
Operation/Application	
Shielded	No
Circuit Application	Signal
ndustry Standards	
CSA Rating	LR 7189
Agency/Standard	CSA, UL
UL Rating	Recognized
CSA File Number	LR 7189
UL File Number	E28476
UL Flammability Rating	UL 94V-2
Packaging Features	
Packaging Quantity	500
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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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

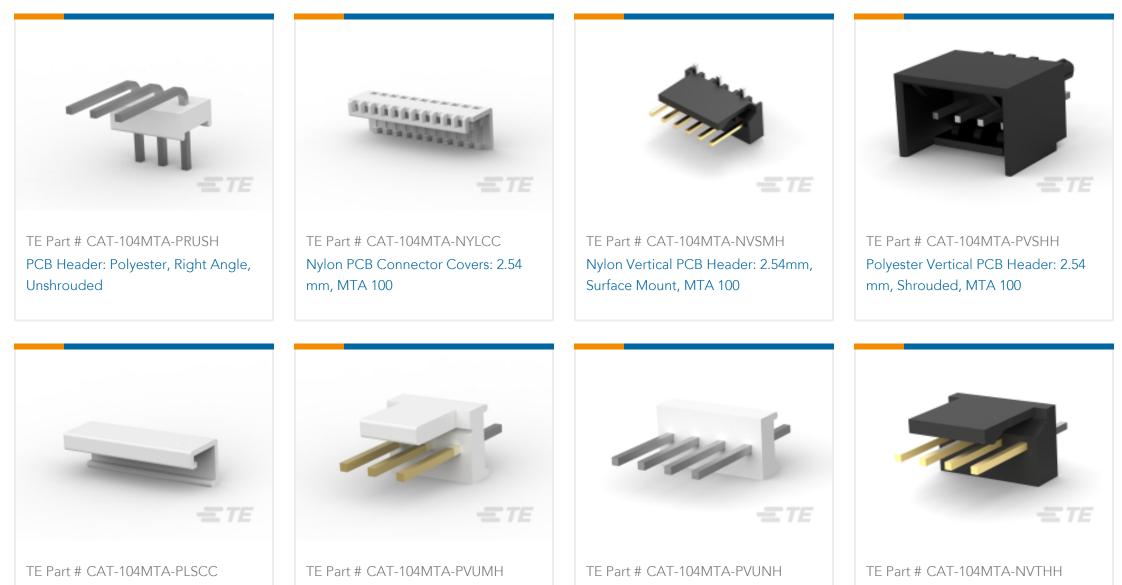
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as

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



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-PVUMH PCB Header: Polyester, Vertical, 2.54 mm	TE Part # CAT-104MTA-PVUNH PCB Header: Polyester, Vertical, Unshrouded, No Mating Alignment	TE Part # CAT-104MTA-NVTHH Nylong Vertical PCB Header: 2.54mm, Through Hole, MTA 100
		TE TE	ETE
TE Part # 58074-1 MTA 50/100/156 MANUAL TOOL FRAME	TE Part # 58579-1 MTA 100 MANUAL TOOL ASSEMBLY DISCRETE	TE Part # CAT-104MTA-PVBRH Polyester Vertical PCB Header: 2.54 mm, Breakaway, MTA 100	TE Part # 3-641214-4 04P MTA100 HDR ASSY PO/RA LF
TE TE	TE TE	TE TE	E TE
TE Part # 2-644489-4	TE Part # CAT-104MTA-NGPMP	TE Part # 3-647117-4	TE Part # 58246-3

04P MTA100 HDR HT FL 30AU LF

Nylon Gold Plated Plug: 2.54mm, With

Mating Alignment, MTA 100

L For support call+1 800 522 6752

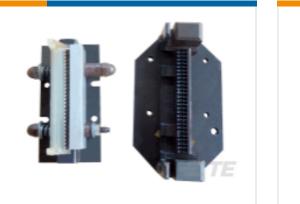
04P MTA100 SHRD HDR R/A 30AU L

MTA 100 CRIMP HEAD PRODUCTION

RBBN CABLE

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



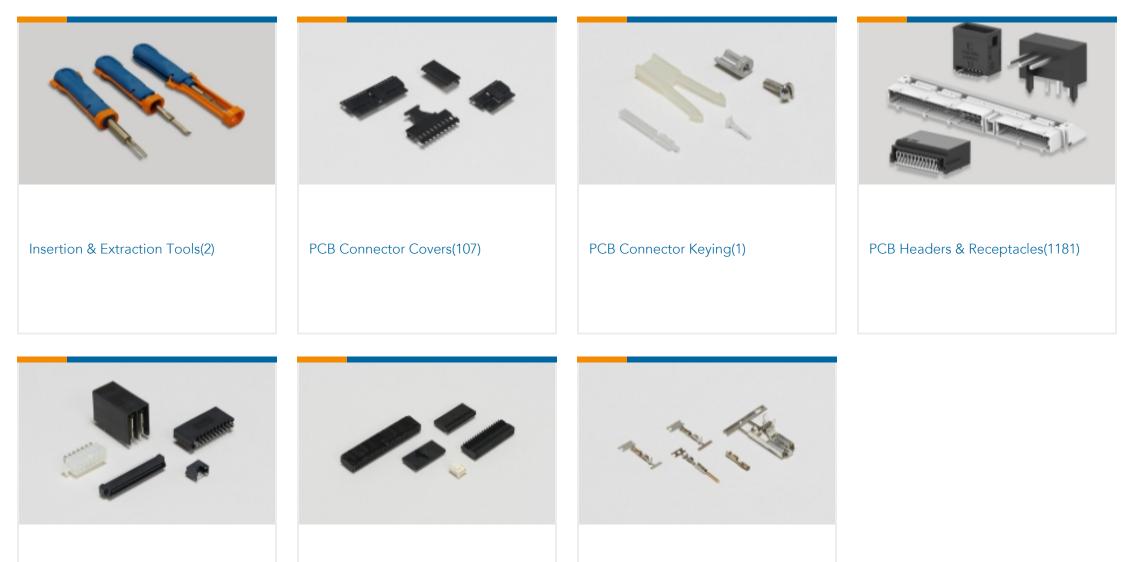


TE Part # 58039-1 MTA 100 ARBOR FIXTURE DISCRETE RBN CABLE



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

Also in the Series | MTA 100



Standard Rectangular Connectors	
(1718)	

Wire-to-Board Connector Assemblies & Housings(1) Wire-to-Board Connector Contacts(18)

Documents

Product Drawings 04P MTA100 CONN ASSY LF

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-644043-4_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-644043-4_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-644043-4_H.3d_stp.zip

English

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



By downloading the CAD file I accept and agree to the **Terms and Conditions** of use

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

English

Product Specifications

Application Specification

English

Product Environmental Compliance MD_3-644043-4_02032017532_dmtec

English

MD_3-644043-4_02032017532_dmtec

English

Agency Approvals

UL Report

English