



MTA 100

TE Internal #: 4-643814-5

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 Tin 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 Tin Plated Receptacle: 2.54 mm, with Mating Alignment, MTA 100 \(127\)](#)

Features

Product Type Features

Compatible With Discrete Wire Type	Stranded
Connector Product Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Cavities	15
Contacts Preloaded	Yes
Number of Positions	15
Number of Rows	1

Electrical Characteristics

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Operating Voltage	250 VAC
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Contact Features

Contact Type	Receptacle
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Wire Contact Termination Area Plating Material	Tin
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Contact Underplating Material	Nickel
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Contact Mating Area Plating Material	Tin
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Contact Retention Within Housing	With
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Contact Current Rating (Max)	5 A
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Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Mechanical Attachment

Contact Retention Type Within Housing	Locking Lance
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Mating Alignment	With
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Mating Alignment Type	Polarization
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Mating Retention	With
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Mating Retention Type	Locking Ramp
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

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

Connector Height	13.21 mm[.52 in]
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Product Width	6.99 mm[.275 in]
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Product Length	38.1 mm[1.5 in]
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Wire Size	.2 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



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

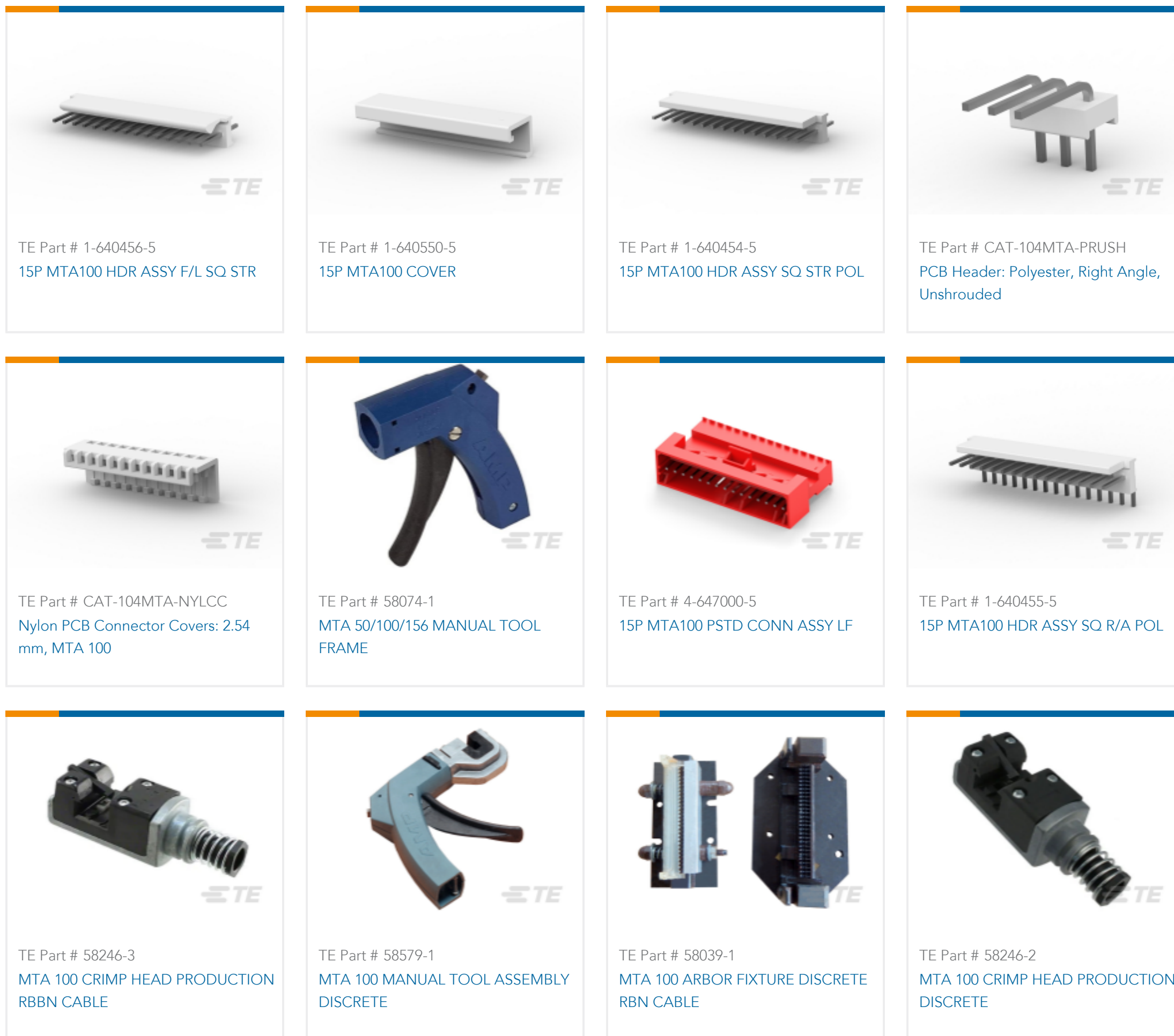
[For compliance documentation, visit the product page on TE.com>](#)

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	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

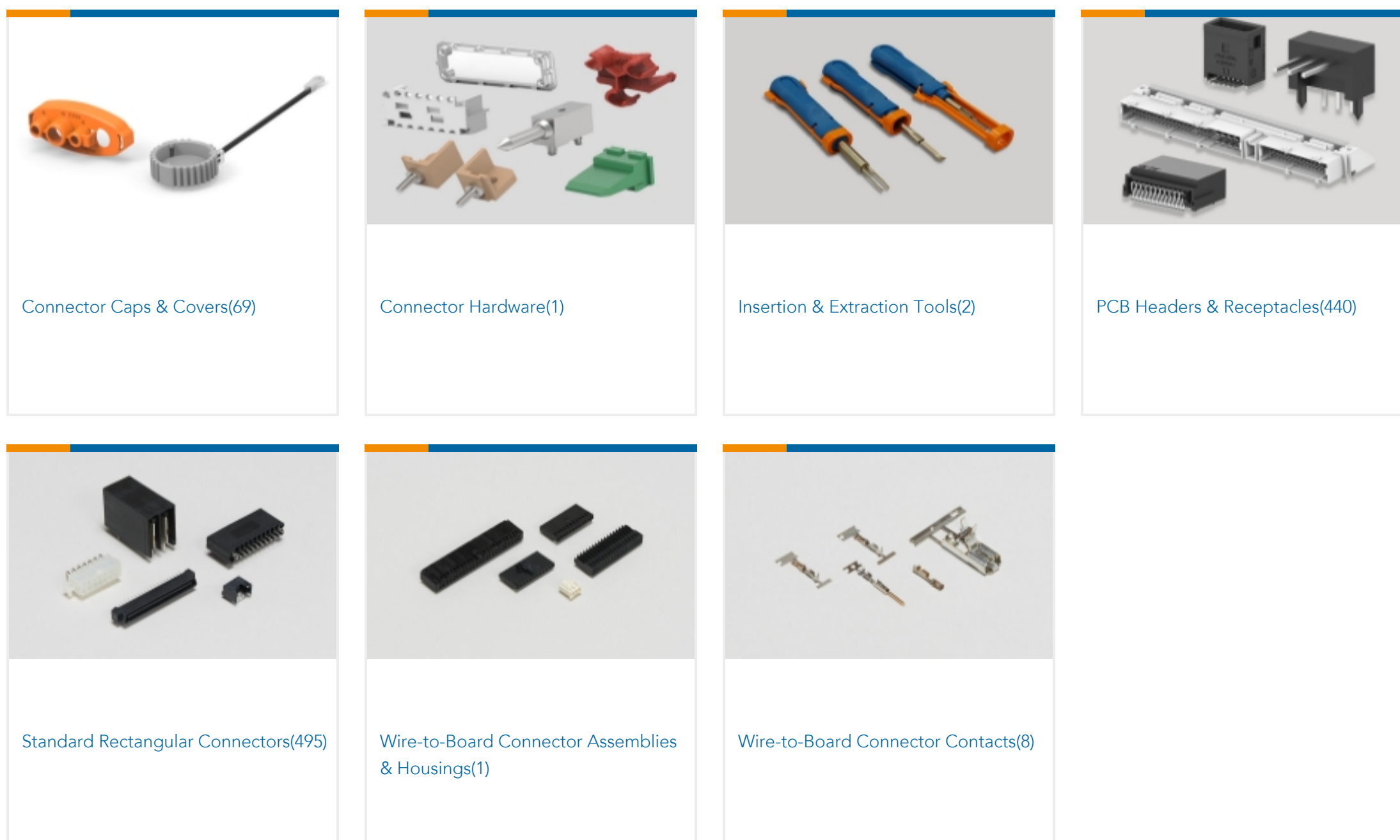
Product Compliance Disclaimer

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 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**



Customers Also Bought



TE Part #1-1879073-4
THS10 2R2 5%



TE Part #2-2176459-9
SMW 7W 1R5 5% Taped



TE Part #2-1478762-5
METAL BACKSHELL 25 WAY TOP E



TE Part #1-1478762-5
METAL BACKSHELL 15 WAY TOP E



TE Part #1410190-3
MULTIGIG RT T2 7RW DC SE CT RT2



TE Part #1478762-9
METAL BACKSHELL 9 WAY TOP E



TE Part #1410142-1
MULTIGIG RT T2 .8" BP FULL RGH



TE Part #7-1393243-5
RT424110



TE Part #C612383001
RAY-90-6.0(100)



TE Part #38941-12
CONTACTS

Documents

Product Drawings

[15P MTA100 CONN ASSY POL RIB](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_4-643814-5_K.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-643814-5_K.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_4-643814-5_K.3d_stp.zip](#)

English

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Product Specifications



Application Specification

English

Product Environmental Compliance

[MD_4-643814-5_09192017020_dmtec](#)

English

[MD_4-643814-5_09192017020_dmtec](#)

English

Agency Approvals

[UL Report](#)

English