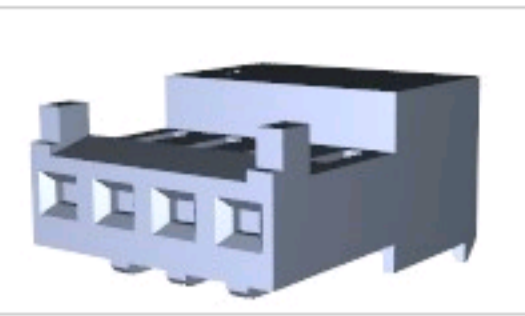


3-1744020-4 Product Details

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MTA, CST-100 II, MT-6 and SL Connector and Headers

04P MTA100 CONN ASSY LF
3-1744020-4
TE Internal Number: 3-1744020-4

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Product Highlights [View All](#)

- MTA-100 Product Line
- MTA Series
- Wire-to-Post
- Applies To Wire/Cable
- Connector

Product Drawings

[MTA .100 CONNECTOR ASSEMBLY 24 AWG, STANDARD](#) (PDF, English)

CAD Files [?]

[Click for CAD Format Information](#)

[2D Drawing](#) (DXF, Version D, ZIP)

[3D Model](#) (IGES, Version D, ZIP)

[3D Model](#) (STEP, Version D, ZIP)

Product Specifications

Product Specification

[Connector, MTA-100](#) (PDF, English)

Application Specification

[MTA 100 Connector](#) (PDF, English)

Please Note:

Use the Product Drawing for all design activity

Product Type Features

Product Line [?] Help information about Product Line	MTA-100
Product Type	Connector
Connector Type	Connector Assembly
PCB Mount Retention	Without
PCB Mount Alignment	Without
Connector Design [?] Help information about Connector Design	Closed End
Wire/Cable Type	Discrete Wire
Sealed	No
CSA File Number	LR7189

Mechanical Attachment

Contact Retention	With
Mating Retention Type	Locking Ramp
Panel Mount Retention [?] Help information about Panel Mount Retention	Without
Contact Retention Type	Locking Lance

Electrical Characteristics

Contact - Rated Current (A)	5
Operating Voltage Reference	AC
Operating Voltage (VAC)	250

Termination Features

Wire/Cable Size (mm²)	0.2
Wire/Cable Size (AWG)	24
Termination Method to Wire/Cable	IDC

Body Features

Wire Type	Stranded
Mating Retention	With
Cable Exit Angle	90°
Assembly Integration Feature	Without

Contact Features

Contact Type	Socket
Contact Base Material [?] Help information about Contact Base Material	Copper Alloy
Contact Plating, Mating Area, Material [?] Help information about Contact Plating, Mating Area, Material	Gold
Contact Layout	In-Line
Multiple Contact Types	Without
Contact Plating, Mating Area, Thickness (µm [µin])	0.38 [15]
Underplate Material	Nickel
Underplate Material Thickness (µm [µin])	1.27 - 1.77 [50.000 - 69.685]

Product Compliance

EU RoHS/ELV Compliance

[Statement of Compliance](#)

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Always EU RoHS/ELV Compliant [?]
 These products comply with the substance restrictions of the Restriction on Hazardous Substances Directive 2011/65/EU (RoHS2). These products also comply with the End of Life Vehicles Directive 2000/53/EC (ELV). The RoHS2 Directive requires certain electrical and electronic products be free (except for trace impurities) of mercury, cadmium, hexavalent chromium, PBB, PBDE and lead. Certain exemptions are allowed such as lead used as an alloying additive in copper, steel and aluminum. Finished electrical and electronic products will be CE marked as required by Directive 2011/65/EU (RoHS2). Components may not be CE marked.

Housing Features

Connector Style	Receptacle
Centerline (mm [in])	2.54 [0.100]
Housing Style	Standard
Housing Material	Nylon - GF
Housing Color	White
Mating Alignment [?] Help information about Mating Alignment	With
Mating Alignment Type	Polarization

Configuration Features

Number of Positions [?] Help information about Number of Positions	4
Backwall/Post Interruption(s) [?] Help information about Backwall/Post Interruption(s)	Without
Strain Relief	With
Number of Rows	1

Industry Standards

RoHS/ELV Compliance [?] Help information about RoHS/ELV Compliance	RoHS compliant, ELV compliant
Lead Free Solder Processes [?] Help information about Lead Free Solder Processes	Not relevant for lead free process
RoHS/ELV Compliance History	Always was RoHS compliant
Agency/Standard	CSA, UL
UL Rating	Recognized
CSA Rating	Certified
UL File Number	E28476
UL Flammability Rating	UL 94V-2

Environmental

Operating Temperature (°C [°F])	-55 - +105 [-67 - +221]
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Conditions for Usage

Applies To [?] Help information about Applies To	Wire/Cable
Accepts Wire Insulation Diameter, Range (mm [in])	1.52 [0.060]
For Use With	MTA .100 Header

Operation/Application

Application Use	Wire-to-Post
------------------------	--------------

Packaging Features

Packaging Method	Bag/Box
Packaging Quantity	500

Other

Series	MTA
Brand	AMP

Related Products

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