

- [Check Distributor Inventory](#)
- [Find Authorized Distributors](#)

[My Account](#)

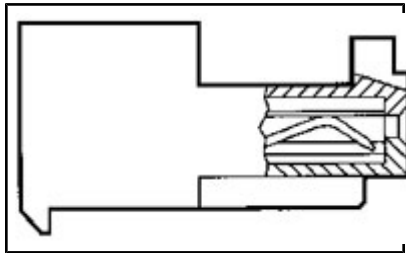
- [Sign In](#)
- [Register](#)

[Customer Support](#)

- [Support](#)
- [RoHS Support Center](#)
- [Glossary of Terms](#)
- [eBulletin Newsletter](#)

[Home](#) > [Products](#) > [By Type](#) > [PCB Connectors - Wire to Board - Power](#) > [Product Feature Selector](#) > Product Details

4-643813-0 Product Details



4-643813-0



[Active](#)

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



[Always EU RoHS/ELV Compliant \(Statement of Compliance\)](#)

Product Highlights:

- MTA-100 Connectors
- Number of Positions = 10
- Mating Type = Receptacle
- Connector Type = Closed End
- Wire-to-Board Application

[View all Features](#) | [Find Similar Products](#)

Quick Links

- [Check Pricing & Availability](#)
- [Search for Tooling](#)
- [View Mating Products \(60\)](#)
- [Product Feature Selector](#)
- [Contact Us About This Product](#)

Documentation & Additional Information

Product Drawings:

- [MTA 100 CONNECTOR ASSEMBLY, 22 AWG, STANDARD](#) (PDF, English)

Catalog Pages/Data Sheets:

- [MTA-100 AND MTA-156 CONNECTORS AND HEADERS, CST-100 ...](#) (PDF, English)

Product Specifications:

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

Application Specifications:

- [MTA 100 Connector Assemblies \(English And Spanish\)](#) (PDF, English)
- [MTA 100 Ribbon Cable Connector Assemblies \(English A...](#) (PDF, English)

Instruction Sheets:

- None Available

CAD Files: ([CAD Format & Compression Information](#))

- [2D Drawing](#) (DXF, Version H)
- [3D Model](#) (IGES, Version H)
- [3D Model](#) (STEP, Version H)

Additional Information:

- [Product Line Information](#)

Additional Product Images:

- [Product Photo](#)

Related Products:

- [Tooling](#)
- [Mating Products \(60\)](#)

[List all Documents](#)

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- [Product Type](#) = MTA-100 Connectors
- [Number of Positions](#) = 10
- [Mating Type](#) = Receptacle
- [Connector Type](#) = Closed End
- [Wire Termination Type](#) = IDC Standard
- [Wire Size \(mm² \[AWG\]\)](#) = 0.3-0.4² [22]
- [Mating Polarization](#) = With
- [Mating Connector Lock](#) = With
- [Four Points of Contact](#) = Without
- [Shrouded](#) = No
- [Mounting Ears](#) = Without
- Mating Polarization Method = Polarizing Tab

Mechanical Attachment:

- [Panel Attachment](#) = Without

Electrical Characteristics:

- Voltage Rating (VAC) = 250

Termination Related Features:

- [Solder Tail Contact Plating](#) = Tin

Body Related Features:

- [Narrow](#) = No
- [Post Number\(s\) Omitted](#) = None
- Cable Exit Angle = 90°

Contact Related Features:

- [Contact Centerline Spacing \(mm \[in\]\)](#) = 2.54 [0.100]
- [Contact Mating Area Plating Material](#) = Tin
- [Contact Material](#) = Copper Alloy

Housing Related Features:

- Housing Color = Red
- Housing Flammability Rating = UL 94V-2
- Housing Material = Nylon

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant

Conditions for Usage:

- [Terminate To](#) = Wire

Operation/Application:

- [Application](#) = Wire-to-Board

Packaging Related Features:

- Packaging Method = Loose Piece

Other:

- Brand = AMP

[Provide Website Feedback](#) | [Contact Customer Support](#)

[Home](#) | [Customer Support](#) | [Suppliers](#) | [Site Map](#) | [Privacy Policy](#) | [Browser Support](#)

© 2008 Tyco Electronics Corporation All Rights Reserved