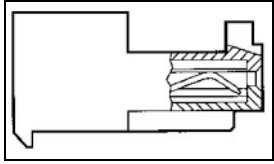# Tyco Electronics

643813-5 Product Details

643813-5

TE Internal Number: 643813-5

✔ Active

📄 View 3D PDF

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

Not EU RoHS or ELV Compliant (Find RoHS Compliant Alternates)

Product Highlights:
- Connector
- 5 Positions
- Connector Type = Receptacle
- Connector Style = Closed End
- MTA-100 Product Line

View all Features

Add to My Part List   Request Sample   Find Similar Products   Buy Product

---

Documentation & Additional Information

Product Drawings:
- MTA 100 CONNECTOR ASSEMBLY, 22 AWG, STANDARD (PDF, English)

Catalog Pages/Data Sheets:
- MTA, CST-100 II, SL-156 and AMP Economy Power (EP) C... (PDF, English)

Product Specifications:
- None Available

Application Specifications:
- None Available

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 (7)

List all Documents

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

Product Type Features:
- Product Type = Connector
- Number of Positions = 5
- Connector Type = Receptacle
- Connector Style = Closed End
- Product Line = MTA-100
- 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 Type = Polarizing Tab

Mechanical Attachment:
- Panel Attachment = Without

Electrical Characteristics:
- Voltage Rating (VAC) = 250

Termination Related Features:
- Solder Tail Contact Plating = Tin-Lead

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 Plating, Mating Area, Material = Tin-Lead
- Contact Base Material = Copper Alloy

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

Industry Standards:
- RoHS/ELV Compliance = Not ELV/RoHS compliant
- Lead Free Solder Processes = Not relevant for lead free process

Conditions for Usage:
- Terminate To = Wire

Operation/Application:
- Application = Wire-to-Board

Packaging Related Features:
- Packaging Method = Loose Piece

Other:
- Brand = AMP