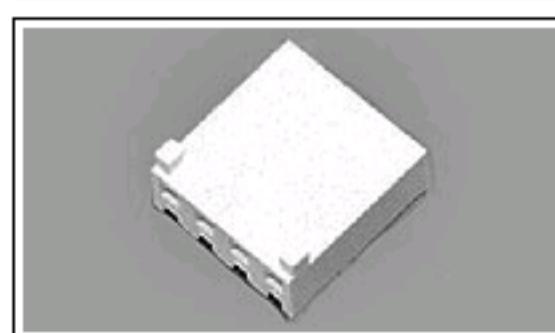




## 647508-6 Product Details

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647508-6

TE Internal Number: 647508-6

Active

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



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

#### Product Highlights:

- Housing
- 6 Positions
- Connector Style = Receptacle
- Contact Type = Socket
- CST-100 II Product Line

[View all Features](#)

#### Quick Links

- ▶ [Check Pricing & Availability](#)
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### Documentation & Additional Information

#### Product Drawings:

- [HOUSING, 6 POSITION, CIRCUIT 5 BLOCKED, CST 100 II](#) (PDF, English)

#### Additional Information:

- [Product Line Information](#)

#### Catalog Pages/Data Sheets:

- None Available

#### Related Products:

- [Tooling](#)

#### Product Specifications:

- [CST-100 Type II .100 Inch Centerline Crimp-Snap Conn...](#) (PDF, English)

#### Application Specifications:

- [CST-100 II Connectors](#) (PDF, English)

#### Instruction Sheets:

- [Extracting CST-100 II Contact 1375819-\[ \] from Housi...](#) (PDF, English)

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

- [2D Drawing](#) (DXF, Version 0)
- [3D Model](#) (IGES, Version 0)
- [3D Model](#) (STEP, Version 0)

[List all Documents](#)

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

#### Product Type Features:

- Connector Type = Housing
- Product Line = CST-100 II
- [Termination Method to Wire/Cable](#) = Crimp
- [Mating Connector Lock](#) = With
- [Four Points of Contact](#) = Without
- [Shrouded](#) = No
- [Mounting Ears](#) = Without

#### Housing Features:

- Connector Style = Receptacle
- Housing Color = White
- [Mating Alignment](#) = With
- UL Flammability Rating = UL 94V-0
- Housing Material = Nylon

#### Mechanical Attachment:

- [Panel Mount Retention](#) = Without

#### Configuration Features:

- Cavity Position Closed = 5

#### Body Features:

- [Number of Positions](#) = 6
- Centerline (mm [in]) = 2.54 [0.100]
- Cable Exit Angle = 180°

#### 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

#### Contact Features:

- Contact Type = Socket

#### Operation/Application:

- Application Use = Wire-to-Board

#### Other:

- Brand = AMP
- Comment = Not interchangeable with CST-100 contacts and housings.; Mates with all MTA-100 headers except MTA-100 shrouded headers.

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