



# HEADERS & RECEPTACLES



## TE CONNECTIVITY (TE) 05P CST100 SHRD HDR ASSY LF [CST | CST](#)

3-644892-5  
TE Internal Number: 3-644892-5

[Always EU RoHS/ELV Compliant](#)

Centerline **2.54 mm [ .1 in ]**

Number of Positions **5**

PCB Mounting Orientation **Vertical**

Number of Rows **1**

Contact Mating Area Plating Material **Tin**

Active

[PRODUCT DRAWING](#)  
English

[3D PDF](#)

### Product Drawings

[CST-100 SHROUDED HEADER ASSEMBLY, FRICTION LOCK, STRAIGHT POST, TIN OR TIN LEAD PLATED](#)

PDF  
English

### CAD Files

[3D PDF](#)  
PDF  
3D

[Customer View Model](#)  
2D\_DXF.ZIP  
English

[Customer View Model](#)  
3D\_IGS.ZIP  
English

[Customer View Model](#)  
3D\_STP.ZIP  
English

### Catalog Pages/Data Sheets

[MTA, CST-100 II, SL-156 And AMP Economy Power \(EP\) Connectors](#)  
PDF  
English

### Product Specifications

#### Product Specification

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

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

[.100 Inch Centerline Crimp-Snap Connectors](#)  
PDF  
English

#### Qualification Test Report

[.100 Inch Centerline Crimp-Snap Connectors](#)  
PDF  
English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

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Product Type Features	PCB Mounting Orientation	<b>Vertical</b>
	Product Type	<b>Connector</b>
	Connector Type	<b>Header</b>
	Connector System	<b>Wire-to-Board</b>
	Strain Relief	<b>Without</b>
	Sealed	<b>No</b>
	Connector Style	<b>Plug</b>
	Applies To	<b>Printed Circuit Board</b>

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Configuration Features	Number of Positions	<b>5</b>
	Number of Rows	<b>1</b>
	Backwall/Post Interruptions	<b>Without</b>

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Electrical Characteristics	Operating Voltage (VAC)	<b>250</b>
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Body Features	Header Type	<b>Shrouded</b>
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Contact Features	Contact Mating Area Plating Material	<b>Tin</b>
	Contact Mating Area Plating Material Finish	<b>Bright</b>
	Contact Mating Area Plating Thickness	<b>3.81 – 6.35 µm [ 150 – 250 µin ]</b>
	Underplate Material	<b>Nickel</b>
	Underplate Material Thickness	<b>1.27 µm, 50 µin</b>
	Contact Style	<b>Straight</b>
	Contact Shape	<b>Square</b>
	Tail Plating Material	<b>Tin</b>
	Contact Termination Area Plating Material	<b>Tin</b>
	Tail Plating Thickness	<b>3.81 – 6.35 µm [ 150 – 250 µin ]</b>
	Contact Type	<b>Pin</b>
	Contact Transmits (Typical)	<b>Power</b>
	Contact Current Rating (A)	<b>4</b>
	Contact Layout	<b>Inline</b>
	Tail Plating Material Finish	<b>Bright</b>
	Contact Termination Area Plating Material Finish	<b>Matte</b>
	Contact Base Material	<b>Copper Alloy</b>

Contact Base Material

Copper Alloy

## Termination Features

Termination Method to PC Board

**Through Hole - Solder**

Termination Method to Wire/Cable

**Solder**

## Mechanical Attachment

PCB Mount Alignment

**Without**

Mating Retention

**With**

PCB Mount Retention

**Without**

Contact Retention

**Without**

Mating Alignment Type

**Polarization**

Mating Retention Type

**Friction Lock**

Panel Mount Retention

**Without**

Mating Alignment

**With**

## Housing Features

Centerline

**2.54 mm [ .1 in ]**

Housing Color

**Black**

Housing Style

**Friction Lock**

Housing Material

**Polyester - GF**

## Dimensions

Tail Length

**3.56 mm [ .14 in ]**

Mating Post Length

**7.11 mm [ .28 in ]**

PCB Thickness (Recommended)

**1.6 mm [ .063 in ]**

Height

**10.41 mm [ .41 in ]**

Length

**14.83 mm [ .584 in ]**

## Usage Conditions

Operating Temperature Range

**-55 – 105 °C [ -67 – 221 °F ]**

## Operation/Application

For Use With

**MTA .100 Connector Assembly**

## Industry Standards

UL Flammability Rating

**UL 94V-0**

UL File Number

**E28476**

CSA Rating

**Certified**

Agency/Standard

**CSA, UL**

CSA File Number

**LR7189**

UL Rating

**Recognized**

## Packaging Features

Packaging Method

**Package**

Product Compliance

[Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

Products - 1 Results

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Relation Type ▼

RELATIONSHIP

### Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Wire-to-Board Connector  
Housings  
CST | CST  
**CST-100 II HOUSING 5**  
**POS - 1375820-5**  
TE INTERNAL NUMBER: 1375820-5

✓ Active

Always EU RoHS/ELV Compliant

Centerline **2.54 mm**

Number of Positions **5**

Number of Rows **1**

Mating Retention **With**

Mating Retention Type **Latch**

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