

**WIN***SOURCE*  
**ELECTRONICS**

**THE DATASHEET OF**  
**583859-1**





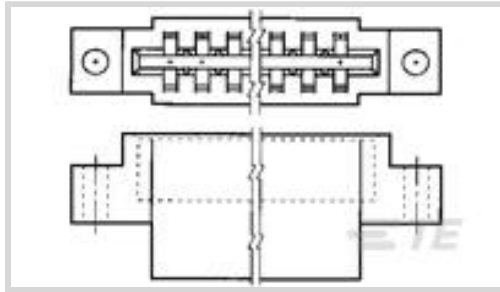
AMP | AMP CST-100

TE Internal #: 583859-1

Housing, Receptacle, Wire-to-Board, 28 Position, 3.96 mm [.156 in]  
Centerline, Crimp, 2 Row, Black, Printed Circuit Board, Power & Signal, AMP CST-100

[View on TE.com >](#)

Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Board**

Number of Positions: **28**

Centerline (Pitch): **3.96 mm [.156 in]**

**Features**

**Product Type Features**

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

**Configuration Features**

Number of Dual Positions	28
Number of Positions	28
Number of Rows	2

**Body Features**

Primary Product Color	Black
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**Contact Features**

Contact Current Rating (Max)	5 A
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**Termination Features**

Termination Method to Wire & Cable	Crimp
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**Mechanical Attachment**

Panel Mount Feature Type	Mounting Ears
Strain Relief	Without
Mating Retention	Without



Connector Mounting Type	Board Mount
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### Housing Features

Housing Material	Polyester GF
Centerline (Pitch)	3.96 mm [.156 in]

### Dimensions

	5.217 in
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### Usage Conditions

Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
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### Operation/Application

Circuit Application	Power & Signal
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### Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

### Packaging Features

Packaging Method	Carton
Packaging Quantity	300

## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

#### Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these

limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

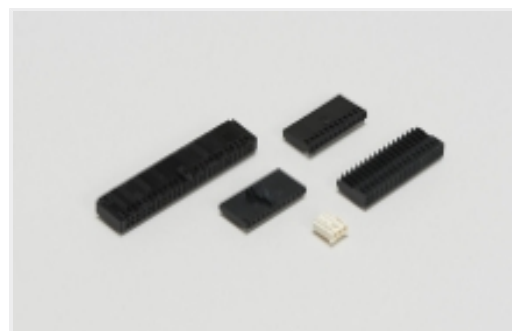
## Also in the Series | AMP CST-100



Connector Contacts(5)



Power Contacts(5)



Wire-to-Board Connector Assemblies & Housings(7)

## Customers Also Bought



TE Part #1-480704-0  
06P UMNL PLUG HSG NATL



TE Part #103653-3  
04 MTE SHRD PIN HSG SR LATCH



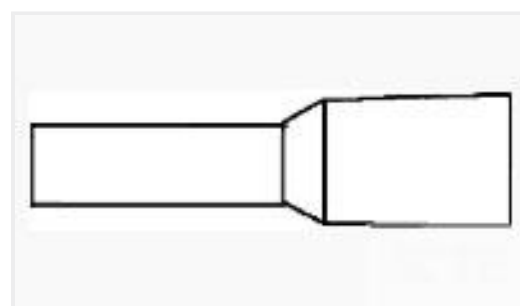
TE Part #206433-1  
CPC RECPT ASSEMBLY SIZE 11-8



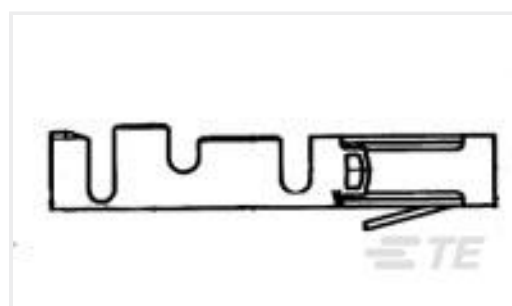
TE Part #DTM04-12PA  
REC, 12P, GRY, N, A



TE Part #CAT-J41-DDRC  
DEUTSCH DT Receptacle Connectors



TE Part #1-966067-6  
FER,WIRE,PL SLV,2.50/14,L8,BLUE,LP



TE Part #280708-2  
MOD 2 CONTACT



TE Part #1-480426-0  
04P CMNL CAP HSG F/H NATL



TE Part #0413-217-1605  
SEALING PLUG, SIZE 16, LOCKING, WHT

## Documents



### Product Drawings

#### HOUSING CSTL 156 C/L 28 POS

English

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### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_583859-1\\_AU.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_583859-1\\_AU.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_583859-1\\_AU.2d\\_dxf.zip](#)

English

### 3D PDF

3D

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### Product Specifications

#### Product Specification

English

#### Product Specification

English

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### Instruction Sheets

#### Instruction Sheet (U.S.)

English

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### Agency Approvals

#### UL

English

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

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[TE Connectivity Information](#)

### Optimize Your Supply Chain with WIN SOURCE Solutions

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- ✓ Obsolete Management
- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management