

770666-1 Product Details

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770666-1

TE Internal Number: 770666-1

 Active

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MTA, CST, CST-100 II and SL Contacts

 Always EU RoHS/ELV Compliant
(Statement of Compliance)

Product Highlights:

- CST Product Line
- Applies To Wire/Cable
- Contact Type = Receptacle
- Contact Configuration = Standard
- Contact - Rated Current = 5.52 A

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- [RECEPTACLE, CST-100, LOOSE PIECE \(PDF, English\)](#)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

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

Application Specifications:

- [CST-100 Connectors for Crimp Snap Terminals \(PDF, English\)](#)

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

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

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Additional Product Images:

- [Product Photo](#)

Related Products:

- [Tooling](#)

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

Product Type Features:

- Product Line = CST
- Wire/Cable Type = Discrete Wire
- [Termination Method to Wire/Cable](#) = Crimp

Mechanical Attachment:

- Contact Retention Type = Locking Lance
- Contact Retention = With

Electrical Characteristics:

- Contact - Rated Current (A) = 5.52
- Operating Voltage Reference = AC
- Operating Voltage (VAC) = 250

Termination Features:

- Wire/Cable Size (mm²) = 0.13 - 0.33
- Wire/Cable Size (AWG) = 22 - 26

Body Features:

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

Environmental:

- Operating Temperature (°C [°F]) = -55 - +105 [-67 - +221]

Conditions for Usage:

- Applies To = Wire/Cable
- Accepts Wire Insulation Diameter, Range (mm [in]) = 0.89 - 1.65 [0.035 - 0.065]
- For Use With = CST-100 Housings

Packaging Features:

- Wire Type = Stranded

Contact Features:

- Contact Type = Receptacle
- Contact Configuration = Standard
- Contact Base Material = Phosphor Bronze
- Contact Plating, Mating Area, Material = Pre-Tin
- Contact Plating, Mating Area, Thickness (μm [μin]) = 1.01 – 2.28 [39.76 – 89.76]
- Contact Style = Box

- Packaging Method = Bag
- Packaging Quantity = 1,000

Other:

- Brand = AMP

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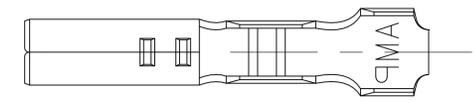
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Customer Support

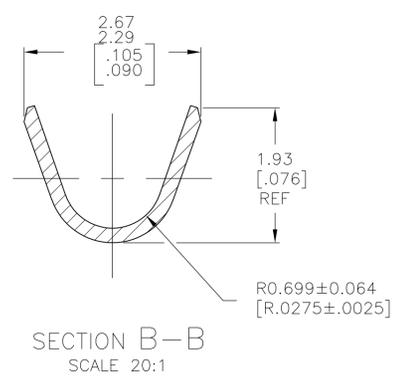
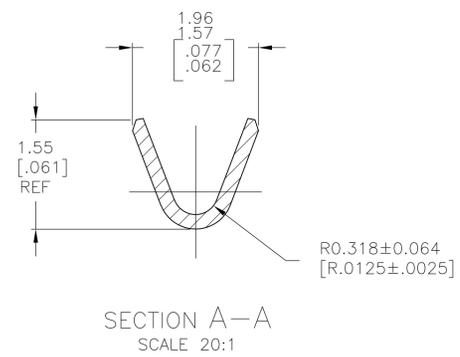
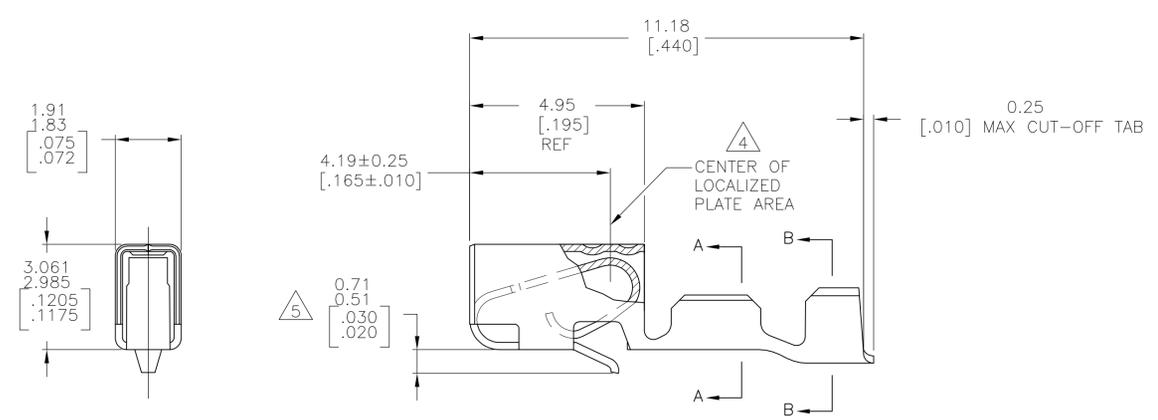
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1. WIRE RANGE 0.13-0.35 mm² (26-22 AWG).
 2. INSULATION RANGE: 0.89-1.65 [.035-.065] DIA LARGER SIZES OF 0.68-1.91 [.066-.075] DIA INSULATION REQUIRE WIRE AND CRIMP EVALUATION FROM AMP INCORPATED.
 3. DIMENSIONS IN BRACKETS ARE IN INCHES.
- △4 0.00076 [.000030] MIN THK GOLD STRIPES IN LOCALIZED PLATE AREA ON BEAM AND DIMPLE OVER 0.00127 [.000050] MIN THK NICKEL OVER ENTIRE CONTACT
-OR-
OR GOLD FLASH OVER PALLADIUM-NICKEL STRIPES, .00076 [.000030] MIN THK TOTAL IN LOCALIZED PLATE AREA ON BEAM AND DIMPLE OVER .00127 [.000050] MIN NICKEL OVER ENTIRE CONTACT.
- △5 AFTER PACKAGING AND SHIPMENT, A LANCE HEIGHT 0.46-0.71 [.018-.030] IS PERMISSABLE.



△	770666-2
PRE-TIN	770666-1
FINISH	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN	T. BECK	01MAR91
DIMENSIONS: mm [INCHES]		CHK	R. SWING	01MAR91
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	D. CLARK	05MAR91
0 PLC	± -	NAME		
1 PLC	± -	RECEPTACLE, CST-100, LOOSE PIECE		
2 PLC	± -	APPLICATION SPEC		
3 PLC	± 0.13 [.005]	SIZE		
4 PLC	± -	CAGE CODE		
ANGLES	± -	DRAWING NO		
MATERIAL	0.19B [.0078] PH BRZ	A1 00779 C=770666		
FINISH	SEE TABLE	WEIGHT		
CUSTOMER DRAWING		SCALE 10:1 SHEET 1 OF 1 REV J1		