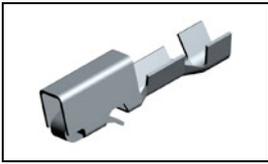


770601-1 Product Details

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770601-1

TE Internal Number: 770601-1

Active

[View 3D PDF](#)

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](#)

Quick Links

- ▶ [Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

[Add to My Part List](#) [Request Sample](#) [Find Similar Products](#) [Buy Product](#)

Documentation & Additional Information

Product Drawings:

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

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:

- [CST-100 and CST-100 II Receptacles Visual Training ... \(PDF, English\)](#)
- [CST-100 Receptacles Visual Training Aid \(Contact Ins... \(PDF, English\)](#)
- [CST-100 and CST-100 II Receptacles Visual Training A... \(PDF, English\)](#)
- [CST-100 Receptacles Visual Training Aid \(Lance Position\) \(PDF, English\)](#)

CAD Files: (CAD Format & Compression Information)

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

[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

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
- Termination Method to Wire/Cable = Crimp

Body 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

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:

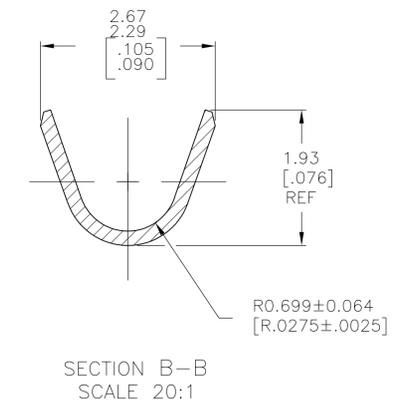
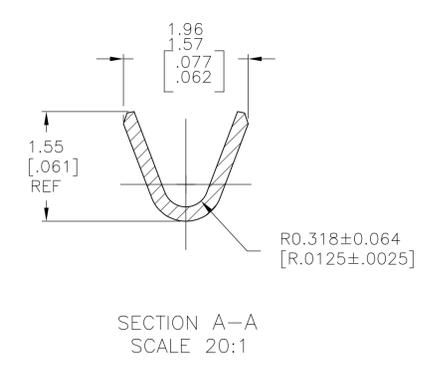
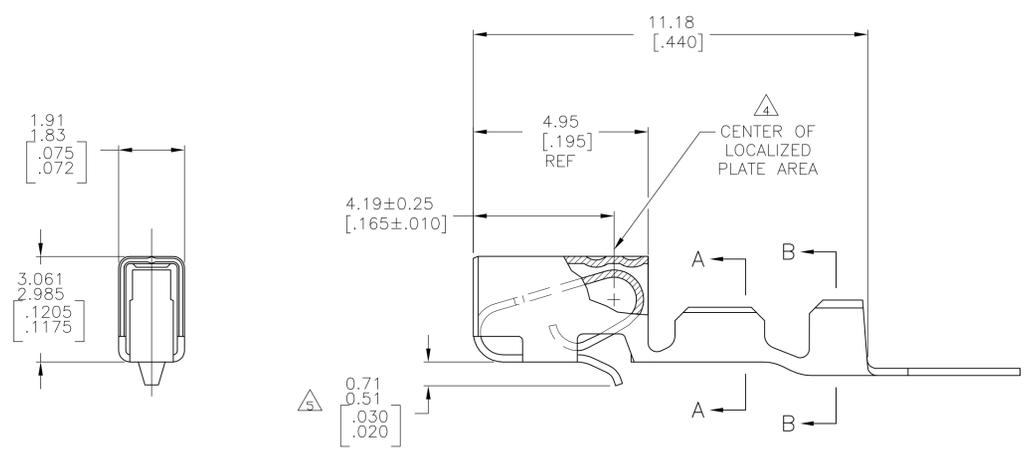
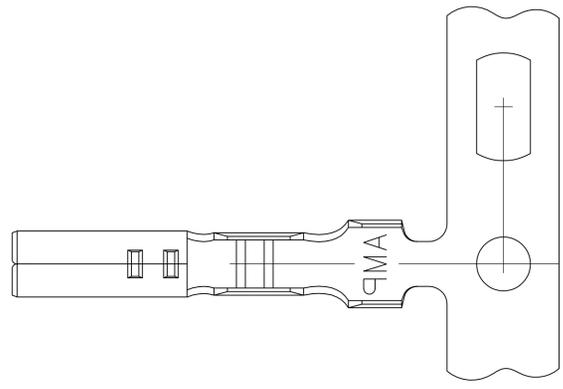
- Packaging Method = Reel
- Packaging Quantity = 5,500

Other:

- Brand = AMP
- Comment = Pre-tin may or may not have nickel underplate.

LOC		DIST		REVISIONS			
GP	00	REV	DATE	BY	CHK	APP'D	
M1	REVISED PER	ECO-11-004835	11MAR11	RK	HMR		

1. WIRE RANGE: 0.13-0.35 mm² (26-22 AWG).
2. INSULATION RANGE: 0.89-1.65 [.035-.065] DIA. LARGER SIZES OF 1.68-1.91 [.066-.075] DIA INSULATION REQUIRES WIRE AND CRIMP EVALUATION FROM AMP INCORPORATED.
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-
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.
6. PRE-TIN MAY OR MAY NOT HAVE NICKEL UNDERPLATE.



4	770601-2
PRE-TIN 6	770601-1
FINISH	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN K. WHITAKER 17FEB05		TE Connectivity	
DIMENSIONS: mm [INCHES]		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME	
0 PLC ± -		1 PLC ± -		D. ROSSI 17FEB05	
1 PLC ± -		2 PLC ± -		PRODUCT SPEC	
2 PLC ± -		3 PLC ± 0.13 [.005]		APPLICATION SPEC	
3 PLC ± -		4 PLC ± -		SIZE CAGE CODE DRAWING NO	
4 PLC ANGLES ± -		FINISH SEE TABLE		RESTRICTED TO	
MATERIAL 0.198 PH BRZ		WEIGHT -		A1 00779 C=770601	
CUSTOMER DRAWING		SCALE 10:1		SHEET 1 OF 1 REV M1	