

## .100 [2.54] Centerline CST-100 II Crimp Contacts and Housings

### Product Facts

- Low cost wire-to-board interconnections
- Wide wire range for single contact
- Tin and gold plated contacts
- Mates with specified MTA and similar competitive notched headers
- Plastic latching feature in housing helps prevent contact backout
- Locking ramps and polarizing tabs are standard
- For keying purposes use keying plug 641994-1 (page 17)
- Recognized under the Component Program of Underwriters Laboratories Inc., File No. E28476
- Certified by Canadian Standards Association, File No. LR7189

For mateability options, see matrix on pages 12 and 13.

For mating half visuals, see pages 21 thru 29 and 32.

See page 15 for an explanation of RoHS lead free equivalents.

### Performance Data

**Voltage Rating** — 250 vac

**Current Rating** — 4 amp max.

**Low-Level Resistance** — 6 mΩ  
max. initial; 10 mΩ max. final

**Insulation Resistance** — 1000 MΩ  
min. initial; 100 MΩ min. final

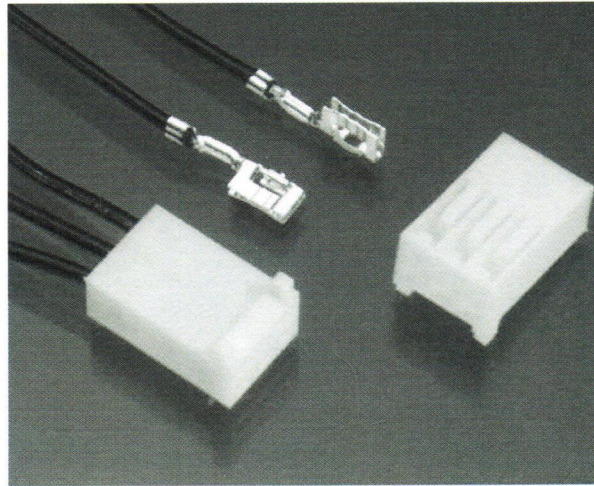
**Operating Temperature** —  
-55° C to +105° C

### Technical Documents

**Product Specification**  
108-1948

**Application Specification**  
114-13036

**Instruction Sheet**  
408-8493



### Contacts

Part Numbers		
Tin Plated	15 Au Gold Plated	30 Au Gold Plated
1375819-1 (Strip)	1375819-2 (Strip)	1375819-3 (Strip)
1445336-1 (Loose Piece)	1445336-2 (Loose Piece)	1445336-3 (Loose Piece)

### Material and Finish (RoHS Compliant)

Phosphor bronze, pretinned or .000015 [.00038] gold, over nickel  
.000030 [0.00076] gold over nickel

**Wire Range** — 22–26 AWG [0.35–0.13 mm<sup>2</sup>]

**Max. Ins. Dia.** — .065 [1.65]

### Housing\*

#### Material (RoHS Compliant)

UL94V-0 rated, nylon, white

No. of Pos.	Dim. A	Part Numbers	No. of Pos.	Dim. A	Part Numbers
2	.220 5.59	1375820-2	16	1.620 41.15	1-1375820-6
3	.320 8.13	1375820-3	17	1.720 43.69	1-1375820-7
4	.420 10.67	1375820-4	18	1.820 46.23	1-1375820-8
5	.520 13.21	1375820-5	19	1.920 48.77	1-1375820-9
6	.620 15.75	1375820-6	20	2.020 51.31	2-1375820-0
7	.720 18.29	1375820-7	21	2.120 53.85	2-1375820-1
8	.820 20.83	1375820-8	22	2.220 56.39	2-1375820-2
9	.920 23.37	1375820-9	23	2.320 58.93	2-1375820-3
10	1.020 25.91	1-1375820-0	24	2.420 61.47	2-1375820-4
11	1.120 28.45	1-1375820-1	25	2.520 64.01	2-1375820-5
12	1.220 30.99	1-1375820-2	26	2.620 66.55	2-1375820-6
13	1.320 33.53	1-1375820-3	27	2.720 69.09	2-1375820-7
14	1.420 36.07	1-1375820-4	28	2.820 71.63	2-1375820-8
15	1.520 38.61	1-1375820-5			

### Application Tooling

**Loose Piece Contacts** —

Hand Tool No. 58517-3 (408-4064)

**Strip Contacts** —

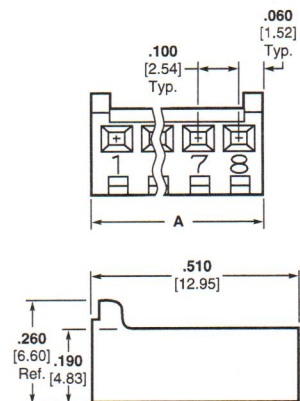
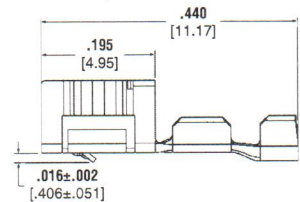
AMP-O-LECTRIC Model "G"  
Termination Machine\*

Applicator No. 567373-3  
(Request Catalog 65828)

AMP-O-MATIC Stripper-Crimper  
Machine\* Applicator No. 567910-1 or  
567827-1 (with CQM) (Request Catalog  
65004)

AMPOMATOR CLS IIIIG Lead Making  
Machine\* (Request Catalog 82659)

\*Requires applicators. For part  
numbers, call Technical Support.



\*Housings without polarizing tabs  
may be manufactured upon  
request. Minimums may apply.  
Contact product engineering or  
product manager for details.

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