

DISCRETE WIRE HEADER/CABLE COMPONENTS

(1.00 mm) .0394" PITCH • A-T1M, A-ISS1, A-ISD1, A-CC09 SERIES

SPECIFICATIONS

Insulator Material:
Natural LCP

Terminal Material:
Phosphor Bronze

Weld Tab:
Phosphor Bronze

Plating:
Au or Sn over 50µ" (1.27 µm) Ni

Operating Temp Range:
-55 °C to +125 °C (A-T1M)
-10 °C to +85 °C (with PVC)
-40 °C to +125 °C (with *Teflon™ fluoropolymer)

Current Rating:
3.3 A per pin (1 pin powered)

Voltage Rating:
250 VAC/353 VDC

A-T1M

NO. OF POSITIONS

-02 thru -20

PLATING OPTION

-GF
= 3 µ" (0.07 µm) Gold contact and tail (-DH & -DV only)

-F
= 3 µ" (0.07 µm) Gold on contact, Matte Tin on tail (-SH & -SV only)

ROW OPTION

-SH
= Single Row Horizontal

-SV
= Single Row Vertical

-DH
= Double Row Horizontal

-DV
= Double Row Vertical

LATCH

(Required in callout for -SH & -SV)

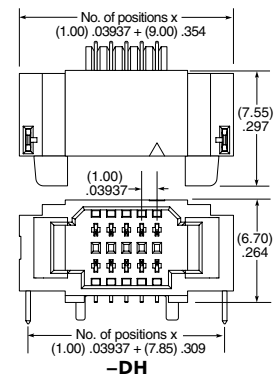
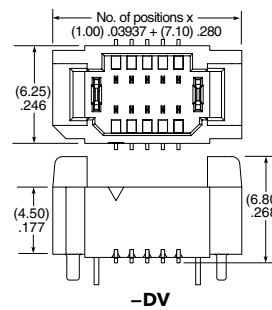
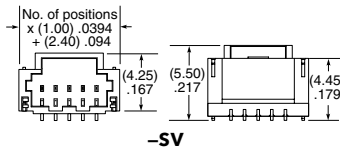
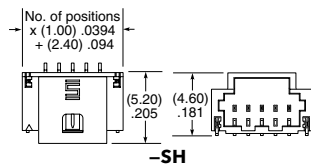
-L
= Positive Latch (-SH & -SV only)

OPTIONS

-K
= (4.00 mm) .157" DIA Polyimide Film Pick & Place Pad (-SH & -DV only)

-P
= Pick & Place Pad (-SV only)

MICROMATE™



*Teflon™ is a trademark of The Chemours Company FC, LLC used under license by Samtec

SERIES

NO. OF POSITIONS

LATCH

SERIES

01

PLATING

A-ISS1
= Single Row Body

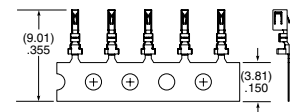
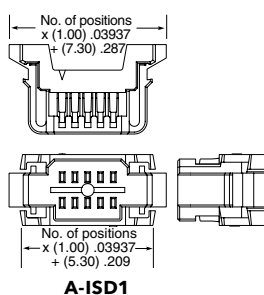
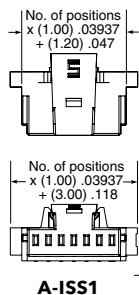
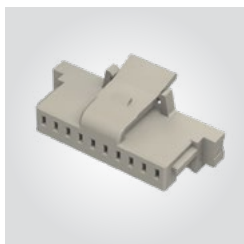
A-ISD1
= Double Row Body

-02 thru -20

-L
= Positive Latch (Single row only)

A-CC09R
= Contact, Full Reel (30,000 Parts per Reel)

-GF
= 3 µ" (0.07 µm) Gold contact and tail



Contact Material:
Phosphor Bronze

TOOLING

Hand Tool: CAT-HT-309-2830-12

Clamp for mounting hand tool: CAT-HT-MNT-01

Mini Applicator: CAT-MC-309-2830-XX-01

Note:
Some lengths, styles and options are non-standard, non-returnable.

Due to technical progress, all designs, specifications and components are subject to change without notice.

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A-221 (Rev 15SEP22)

Samtec shall only comply with IATF-16949 on products it certifies as Automotive Custom Design "ACD" or on those designated with "A-" Samtec part # prefix. "A-" products are designed to Samtec's specifications not customers' specifications. Contact autosalesgroup@samtec.com with questions.