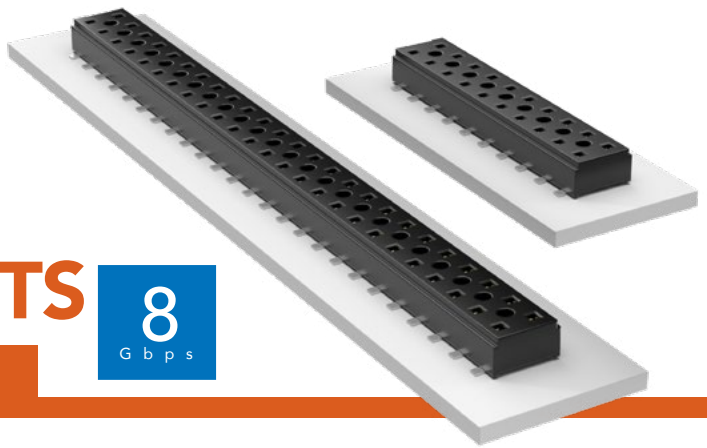




COST-EFFECTIVE & DUAL WIPE SOCKETS



(2.00 mm) .0787" PITCH • A-CLT SERIES

A-CLT

Mates:

A-TMM, A-TMMH,
A-MTMM, A-MMT, A-TW



A-CLT	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	D	OTHER OPTIONS
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02 thru 50

-02
= Surface Mount

-L
= 10 μ" (0.25 μm)
Gold on contact,
Matte Tin on tail

All options require Style -02

-BE
= Bottom Entry
(Required for bottom entry applications)

-A
= Alignment Pin
(3 positions minimum)

-K
= (5.00 mm) .197" DIA
Polyimide Film
Pick & Place Pad
(04 thru 50 only)

-TR
= Tape & Reel
(36 positions max)

SPECIFICATIONS

Insulator Material:

Black Liquid Crystal Polymer

Contact Material:

Phosphor Bronze

Plating:

Sn or Au over 50 μ" (1.27 μm) Ni

Current Rating (A-TMMH/A-CLT):

4.1 A per pin

(2 pins powered)

Operating Temp Range:

-55 °C to +125 °C

Insertion Depth:

Top Entry=
(1.40 mm) .055" minimum

Bottom Entry=
(2.57 mm) .101" minimum

(add board thickness for correct post OAL)

Max Cycles:

100 with 10 μ" (0.25 μm) Au

PROCESSING

Lead-Free Solderable:

Yes

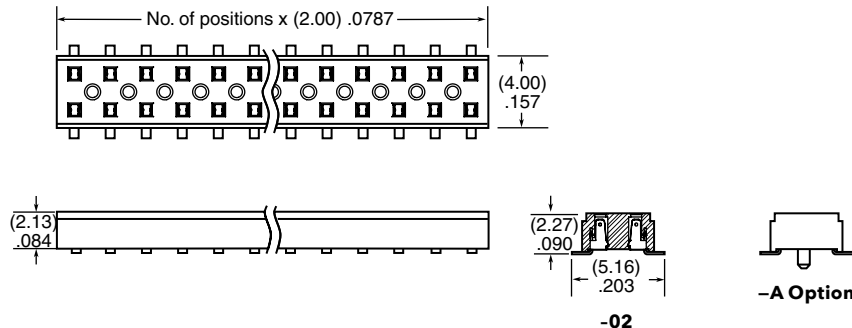
SMT Lead Coplanarity:

(0.10 mm) .004" max (02-25)

(0.15 mm) .006" max (26-34)*

(0.20 mm) .008" max (35-50)*

*(.004" stencil solution may be available; contact ipg@samtec.com)



ALSO AVAILABLE

Other Platings
(MOQ Required)

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.