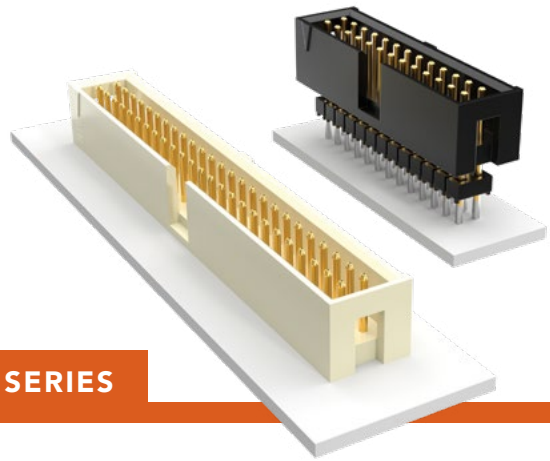




SHROUDED .025" SQ POST HEADERS

(2.54 mm) .100" PITCH • A-TSS/A-HTSS/A-ZSS SERIES



A-TSS/A-HTSS/A-ZSS

Mates:

A-SSW, A-SSQ, A-SSM

SERIES	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION
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SPECIFICATIONS

Insulator Material:
A-TSS, A-ZSS=Black Glass Filled Polyester
A-HTSS=Natural PCT

Insulation Resistance:
5000 MΩ min

Terminal Material:
Phosphor Bronze

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

Operating Temp Range:
-55 °C to +125 °C with Gold
-55 °C to +105 °C with Tin

Withstanding Voltage:
1000 VRMS

PROCESSING

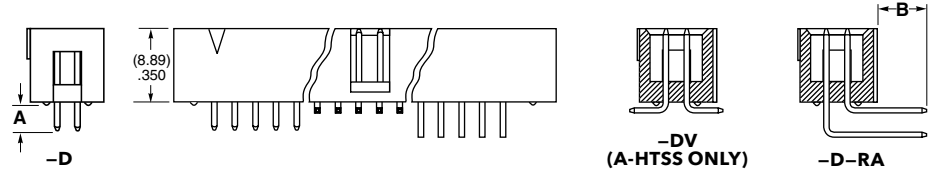
Lead-Free Solderable:
A-HTSS=Yes
A-TSS, A-ZSS=No, Lead Wave only

SMT Lead Coplanarity:
(0.15 mm) .006" max*
*(.004" stencil solution may be available; contact ipg@samtec.com)

A-TSS = Connector Strip	03 (A-TSS only)	Specify LEAD STYLE from chart	-L = 10 μ" (0.25 μm) Gold on post, Matte Tin on tail	-D = Double Row Through-hole (lead style -01, -02 & -03 only)
A-HTSS = High Temp Connector Strip	05, 07, 08, 10, 12, 13, 15, 17, 20, 25, 32, 36 (Standard sizes)		-T = Matte Tin	-DV = Double Row Surface Mount (lead style -01 only) (A-HTSS only)

LEAD STYLE	T/H (A)
-01	(2.92) .115
-02	(4.19) .165
-03	(14.35) .565

LEAD STYLE	RIGHT ANGLE (B)
-04	(3.30) .130
-05	(5.84) .230



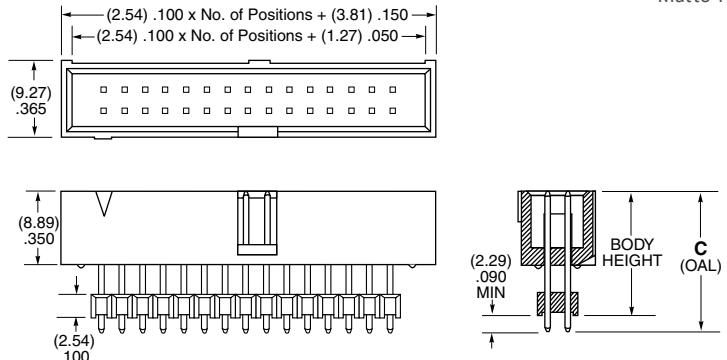
ALSO AVAILABLE

MOQ Required

- Other sizes
- Other platings
- Alignment Pins
- Single Row
- Locking Leads

A-ZSS	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	D	BODY HEIGHT
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02-18, 20, 22, 24, 25, 28, 30, 32, 36 (Standard sizes)	Specify LEAD STYLE from chart	-L = 10 μ" (0.25 μm) Gold on post, Matte Tin on tail	-XXXX" = Body Height
		-T = Matte Tin	



LEAD STYLE	C (OAL)	MAX BODY HEIGHT
-01	(16.00) .630	(13.72) .540
-02	(18.54) .730	(16.26) .640
-03	(21.08) .830	(18.80) .740
-04	(23.62) .930	(21.34) .840
-05	(26.16) 1.030	(23.88) .940
-06	(28.70) 1.130	(26.42) 1.040
-07	(31.24) 1.230	(28.96) 1.140
-08	(33.78) 1.330	(31.50) 1.240
-09	(36.32) 1.430	(34.04) 1.340

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

Note:
For added mechanical stability, Samtec recommends mechanical board spacers be used in applications with gold or selective gold plated connectors. Contact ipg@samtec.com for more information.

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