

SHROUDED .025" SQ POST HEADERS

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



TSS/HTSS/ZSS

Mates:
SSW, SSQ, ESW, ESQ,
SSM, BCS

SPECIFICATIONS

Insulator Material:
TSS, ZSS=Black Glass Filled Polyester
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:
HTSS=Yes
TSS, ZSS=No, Lead Wave only
SMT Lead Coplanarity:
(0.15 mm) .006" max*
*(.004" stencil solution may be available; contact ipg@samtec.com)

SERIES	1	NO. PINS PER ROW	03	LEAD STYLE	Specify LEAD STYLE from chart	PLATING OPTION	-F = Gold flash on post, Matte Tin on tail (Not available on -DV)	-L = 10 μ" (0.25 μm) Gold on post, Matte Tin on tail	-T = Matte Tin	ROW OPTION	-D = Double Row Through-hole (lead style -01, -02 & -03 only)	-DV = Double Row Surface Mount (lead style -01 only) (HTSS only)	-D-RA = Double Row Right-angle (lead style -04 & -05 only)
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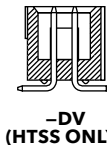
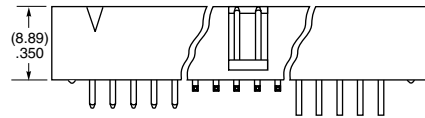
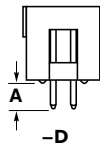
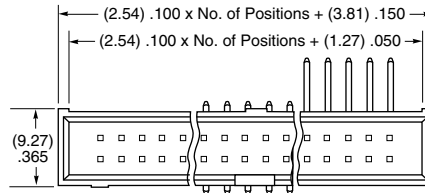
TSS
= Connector Strip

HTSS
= High Temp Connector Strip

03
(TSS only)

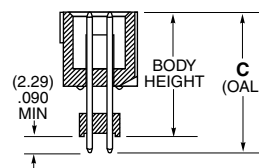
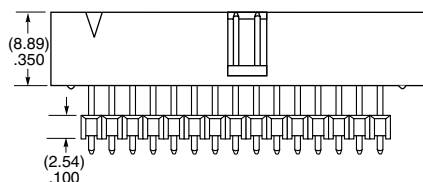
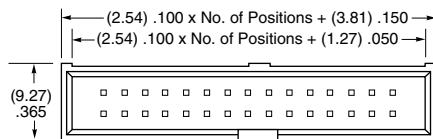
05, 07, 08, 10, 12, 13, 15, 17, 20, 25, 32, 36
(Standard sizes)

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



ZSS	1	NO. PINS PER ROW	03, 05, 07, 08, 10, 12, 13, 15, 17, 20, 25, 32, 36	LEAD STYLE	Specify LEAD STYLE from chart	PLATING OPTION	-F = Gold flash on post, Matte Tin on tail	-L = 10 μ" (0.25 μm) Gold on post, Matte Tin on tail	-T = Matte Tin	D	-D	BODY HEIGHT	-"XXXX" = Body Height
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03, 05, 07, 08, 10, 12, 13, 15, 17, 20, 25, 32, 36
(Standard sizes)



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. 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.

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[ZSS-108-01-L-D-540](#)