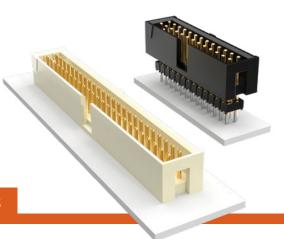
SHROUDED.025"SQ **POST HEADERS**

(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 M Ω 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: 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

TSS

= Connector Strip

HTSS

= High Temp

Connector Strip

-01

-02

NO. PINS PER ROW

03

(TSS only)

05, 07, 08, 10, 12, 13, 15, 17, 20, 25, 32, 36

(Standard sizes)

0 0 0 0 0

0 0 0 0

(2.54) .100 x No. of Positions + (3.81) .150 -

(2.54) .100 x No. of Positions + (1.27) .050 -

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. . . .

LEAD

STYLE

Specify

LEAD

STYLE

from chart

STYLE

Specify LEAD from

chart

STYLE

= Gold flash on post, Matte Tin on tail (Not available on -DV)

PLATING OPTION

= 10 μ" (0.25 μm) Gold on post, Matte Tin on tail

> -T= Matte Tin

LEAD STYLE	RIGHT ANGLE (B)
-04	(3.30) .130
_05	(5.84) 230

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

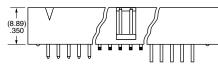
= Double Row Right-angle (lead style –04 & -05 only)



(2.92) .115

(4.19) .165

(14.35) .565







ALSO AVAILABLE MOQ Required

Other sizes Other platings Alignment Pins Single Row Locking Leads Polarized

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

03, 05, 07, 08,

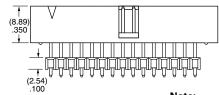
(9.27)

10, 12, 13, 15,

NO. PINS PER ROW

17, 20, 25, 32, 36 (Standard sizes)

(2.54) .100 x No. of Positions + (3.81) .150 -(2.54) .100 x No. of Positions + (1.27) .050 --. (9.27) .365



BODY (OAL) (2.29) .090 MIN HEIGHT

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.

PLATING

OPTION





-"XXXX"

= Body Height

-F = Gold flash on post, Matte Tin on tail

 $= 10 \mu'' (0.25 \mu m)$ Gold on post, Matte Tin on tail

> -Т = 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

samtec.com?TSS, samtec.com?HTSS or samtec.com?ZSS

Mouser Electronics

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Samtec:

TSS-113-04-L-S-RA-02 TSS-126-01-G-D