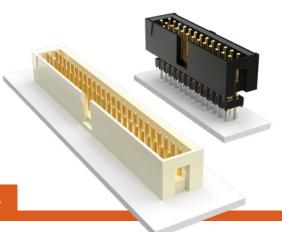
SHROUDED.025"SQ **POST HEADERS**

(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
Withchanding 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*

SERIES

NO. PINS PER ROW

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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IFAD STYLE

PLATING OPTION

ROW OPTION

TSS = Connector Strip

HTSS

= High Temp Connector Strip

(2.92) .115

(4.19) .165

(14.35) .565

-D

03 (TSS only)

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

Specify LEAD **STYLE** from chart

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

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

= Matte Tin

LEAD

STYLE

-04

-05

-D
= Double Row
Through-hole
(lead style –01,
-02 & -03 only)

-DV Double Row

Surface Mount (lead style –01 only) (HTSS only)

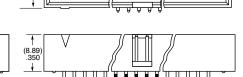
-D-RA

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

-02

LEAD STYLE

_01





(HTSS ONLY)



RIGHT ANGLE

(B)

(3.30) .130

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

ALSO AVAILABLE MOQ Required

Other sizes Other platings Alignment Pins Single Row Locking Leads Polarized

ZSS PER ROW 03, 05, 07, 08, 10, 12, 13, 15,

(9.27)

NO. PINS

LEAD STYLE

Specify

LEAD

STYLE

from

chart

6

0 0 0 0

PLATING OPTION



BODY HEIGHT

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

-"XXXX" = Body Height

-	— (2. ⊢(2.	2.5 .54)	4) .) .1	.10 00	x 0 1 x	No.	o. o	f P Po	osi siti	tion	ns -	+ (3 (1.	3.8 ⁻ 27)	1) . .0:	150 – 50 →	<u> </u>
(9.27) .365	0	0	0	0	0		0		0	0	0	0	0	0	0	

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

(8.89) .350	V	
	,	
_		
(2.5 .10	54)	0 0 0 0 0 0 0 0 0 0

BODY C (OAL) HEIGHT (2.29) .090 MIN

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.

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

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