

(2,54mm) .100"

TSS, TST, HTSS, HTST, ZSS, ZST SERIES

HTSS-125-01-L-DV

SHROUDED .025" SQ POST HEADERS

TSS, HTSS, ZSS

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

TST, HTST, ZST

Mates with:
IDSD

SPECIFICATIONS

For complete specifications
see www.samtec.com?TSS,
www.samtec.com?TST,
www.samtec.com?HTSS,
www.samtec.com?HTST,
www.samtec.com?ZSS or
www.samtec.com?ZST

Insulator Material:

Black Glass
Filled Polyester
(TSS, TST, ZSS, ZST)
Natural PCT (HTSS, HTST)

Insulation Resistance:
5000 MΩ min

Terminal Material:
Phosphor Bronze

Plating:

Au or Sn over
50μ" (1,27μm) Ni

Current Rating:

3A

Operating Temp Range:

-55°C to +125°C with Gold

-55°C to +105°C with Tin

Flammability Rating:

UL 94V-0

Withstanding Voltage:

1000 VRMS

RoHS Compliant:

Yes

Processing:

Lead-Free Solderable:

Yes (HTSS, HTST)

Wave Only (TSS, TST,

ZSS, ZST)

SMT Lead Coplanarity:

(0,15mm) .006"



APPLICATION SPECIFIC OPTION

- Alignment Pins
- Single Row
- Locking Leads
- Polarized
- Call Samtec.

Note: Other Gold plating
options available.
Contact Samtec.

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

TYPE STRIP	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION	BODY HEIGHT
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TSS

= Top Shrouded
Connector Strip

TST

= Top Shrouded
Cable Strip

HTSS

= High Temp
Top Shrouded
Connector Strip

HTST

= High Temp
Top Shrouded
Cable Strip

ZSS

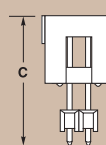
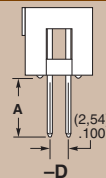
= Elevated
Connector Strip

ZST

= Elevated
Cable Strip

Specify "LEAD STYLE" from chart

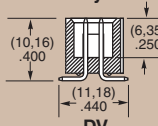
LEAD STYLE	STRAIGHT TAIL LENGTH (A)
-01	(2,92) .115
-02	(4,19) .165
-03	(14,35) .565



LEAD STYLE	ZSS/ZST OVERALL LENGTH (C)
-01	(16,00) .630
-02	(18,54) .730
-03	(21,08) .830
-04	(23,62) .930
-05	(26,16) 1.030
-06	(28,70) 1.130
-07	(31,24) 1.230
-08	(33,78) 1.330
-09	(36,32) 1.430

LEAD STYLE	TSS/TST/HTSS/HTST RIGHT ANGLE TAIL LENGTH (B)
-04	(3,30) .130
-05	(5,84) .230

HTSS/HTST Lead Style -01



-D

= Double Row Through-hole
(lead style -01, -02 & -03 only or
BODY HEIGHT must be specified)

-DV

= Double Row Surface Mount
(lead style -01 only)
(HTSS, HTST only)

-D-RA

= Double Row Right Angle
(lead style -04 & -05 only)
(ZSS, ZST not available)

- "XXXX"

= Body Height
(ZSS, ZST & -D only)

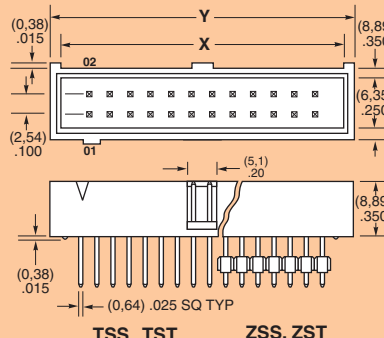
LEAD STYLE	MAX. BODY HEIGHT
-01	.540 (13,72)
-02	.640 (16,26)
-03	.740 (18,80)
-04	.840 (21,34)
-05	.940 (23,88)
-06	1.040 (26,42)
-07	1.140 (28,96)
-08	1.240 (31,50)
-09	1.340 (34,04)

For board stacking height add .085" (2,16mm)
when mated with SSW series.

Example: ZST-1XX-01-X-X-465 mated with
SSW = (13,97mm) .550" board space

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

(Call Samtec for other sizes.)



TYPE STRIP	X	Y
HTSS TSS ZSS	(2,54) .100 X No. of Positions + (1,27) .050	(2,54) .100 X No. of Positions + (3,81) .150
HTST TST ZST	(2,54) .100 X No. of Positions + (5,08) .200	(2,54) .100 X No. of Positions + (7,62) .300

Specify -SS
for cost-effective
heavy Gold
where it counts!

-L

= 10μ" (0,25μm) Gold on post, Matte Tin on tail

-G

= 10μ" (0,25μm) Gold on post,
Gold flash on balance
(not available on -DV)

-T

= Matte Tin

-SS

= 30μ" (0,76μm) Gold stripe on contact area,
Gold flash to tip, Matte Tin on tail
(TSS & HTSS only)
(Straight -01, -02, -03,
Right Angle -04 & Surface Mount -01 only)

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

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