

(2,54 mm) .100"

TSS, HTSS, ZSS SERIES

HTSS-125-01-L-DV

SHROUDED .025" SQ POST HEADERS

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

SPECIFICATIONS

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

Insulator Material:

Black Glass
Filled Polyester
(TSS, ZSS)

Natural PCT (HTSS)

Insulation Resistance:

5000 MΩ min

Terminal Material:

Phosphor Bronze

Plating:

Au or Sn over
50μ" (1,27 μm) Ni

Current Rating:

3A per contact

Operating Temp Range:

-55°C to +125°C with Gold

-55°C to +105°C with Tin

Flammability Rating:

UL 94V-O

Withstanding Voltage:

1000 VRMS

RoHS Compliant:

Yes

Processing:

Lead-Free Solderable:

Yes (HTSS)

Wave Only (TSS, ZSS)

SMT Lead Coplanarity:

(0,15 mm) .006"



TYPE STRIP

1

NO. PINS
PER ROWLEAD
STYLEPLATING
OPTIONROW
OPTION

TSS

= Connector Strip

HTSS

= High Temp
Connector Strip03
(TSS only)05, 07, 08, 10,
12, 13, 15, 17,
20, 25, 32, 36
(Call Samtec for other sizes.)Specify
LEAD
STYLE
from
chart.

-F

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

-L

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

-T

= Matte Tin

-D

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

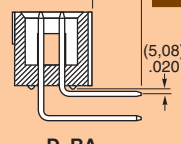
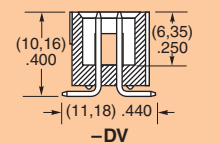
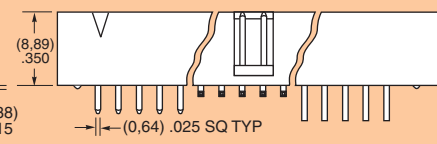
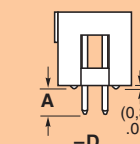
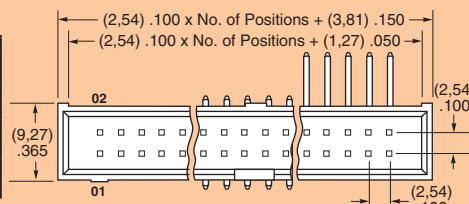
-DV

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

-D-RA

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

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

-DV
(HTSS ONLY)

-D-RA

ALSO AVAILABLE

Shrouded IDC headers
and stackers to mate
with IDSD, SMSD Series.
See TST, HTST and
ZST Series.

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 is
non-standard, non-returnable.

ZSS

1

NO. PINS
PER ROWLEAD
STYLEPLATING
OPTION

D

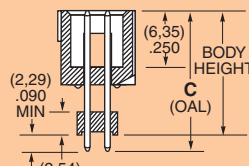
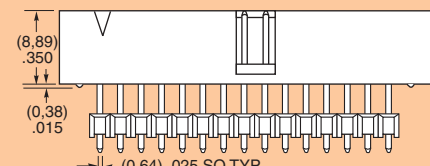
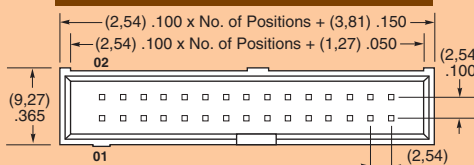
BODY
HEIGHT03, 05, 07, 08, 10, 12,
13, 15, 17, 20, 25, 32, 36
(Call Samtec for other sizes.)Specify
LEAD
STYLE
from
chart.-F
= Gold flash on post,
Matte Tin on tail

-L

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

-T

= Matte Tin

- "XXXX"
= Body Height

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: 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.

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