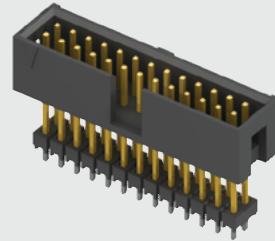


FLEX STACK

(2.54 mm) .100"

HTSS-125-01-L-DV

ZSS-113-03-L-D-0735



TSS, HTSS, ZSS SERIES

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:
 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

Flammability Rating:
 UL 94V-O

Withstanding Voltage:
 1000 VRMS

RoHS Compliant: Yes

PROCESSING

Lead-Free Solderable:

HTSS: Yes

TSS, ZSS: Wave Only

SMT Lead Coplanarity:
 (0.15 mm).006" max*
 (.004" stencil solution
 may be available; contact
IPG@samtec.com)

RECOGNITIONS

For complete scope of
 recognitions see
www.samtec.com/quality



FILE NO. E111594

OTHER SOLUTIONS

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

ALSO AVAILABLE (MOQ Required)

- Other sizes
- Other platings
- Alignment Pins
- Single Row
- Locking Leads
- Polarized

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

TYPE STRIP	1	NO. PINS PER ROW	LEAD STYLE	PLATING OPTION	ROW OPTION
TSS = Connector Strip		03 (TSS only)	Specify LEAD STYLE from chart.	-F = Gold flash on post, Matte Tin on tail (Not available on -DV)	-D = Double Row Through-hole (lead style -01, -02 & -03 only)
HTSS = High Temp Connector Strip		05, 07, 08, 10, 12, 13, 15, 17, 20, 25, 32, 36 (Standard sizes)		-L = 10 µ" (0.25 µm) Gold on post, Matte Tin on tail	-DV = Double Row Surface Mount (lead style -01 only) (HTSS only)

Technical drawings for TSS and HTSS series showing lead styles, pin counts, and mounting options. The drawings illustrate the lead styles (01, 02, 03), pin counts (03, 05, 07, 08, 10, 12, 13, 15, 17, 20, 25, 32, 36), and various plating options (-F, -L, -T) for both TSS and HTSS strips. The drawings also show the lead height (A), body height (B), and overall height (C) for each lead style.

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

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).1030	(23.88).940
-06	(28.70).1130	(26.42).1040
-07	(31.24).1230	(28.96).1140
-08	(33.78).1330	(31.50).1240
-09	(36.32).1430	(34.04).1340

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.

WWW.SAMTEC.COM

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Samtec](#):

[ZSS-108-01-S-D-514](#)