

(2.54 mm) .100"

TST, HTST, ZST SERIES

SHROUDED .025" SQ POST IDC HEADERS

Mates with:
IDSD, SMSD

SPECIFICATIONS

Insulator Material:
TST, ZST: Black Glass
Filled Polyester
HTST: Natural LCP
Insulation Resistance:
5000 MΩ min
Terminal Material:
Phosphor Bronze
Plating: Au or Sn over
50 μ" (1.27 μm) Ni
Current Rating (IDSD/TST):
3.4 A per pin
(1 pin powered per row)
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:
HTST: Yes
TST, ZST: Wave Only
SMT Lead Coplanarity:
(0.10 mm) .004" max (05-15)
(0.15 mm) .006" max (17-36)

TYPE STRIP

1

NO. PINS PER ROW

LEAD STYLE

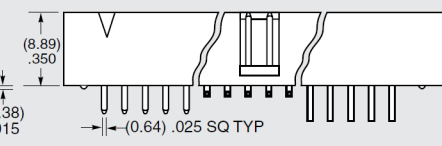
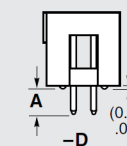
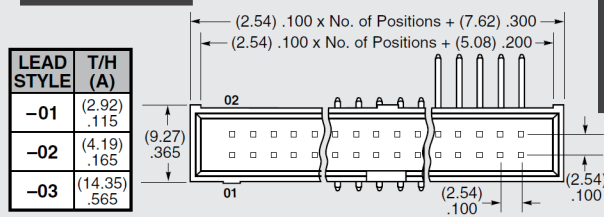
PLATING OPTION

ROW OPTION

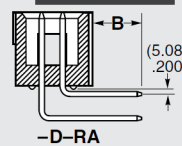
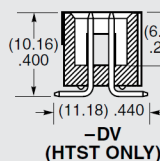
OTHER OPTION

TST
= Cable StripHTST
= High Temp
Cable Strip05, 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
(Not available on -DV)-L
= 10 μ" (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)
(HTST only)-D-RA
= Double Row
Right-angle
(lead style -04
& -05 only)Surface
Mount
(lead style
-01 only)
(HTST only)-P
= Pick &
Place Pad-TR
= Tape
& Reel
Packaging

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



RECOGNITIONS



OTHER SOLUTIONS

- Shrouded board-to-board headers and stackers to mate with SSW, SSQ, ESW, ESQ, SSM and BCS Series. See TSS, HTSS and ZSS Series.

ALSO AVAILABLE (MOQ Required)

- Other platings & sizes
- Alignment Pins
- Single Row
- Locking Leads
- Polarized
- Contact Samtec.

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

ZST

1

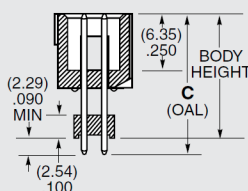
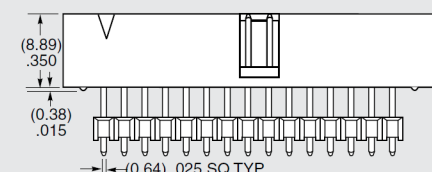
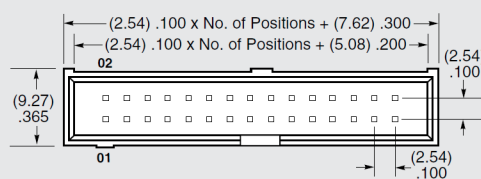
NO. PINS PER ROW

LEAD STYLE

PLATING OPTION

D

BODY HEIGHT

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-L
= 10 μ" (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.