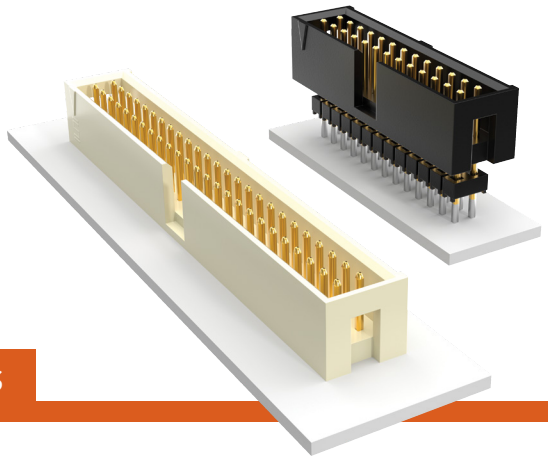
SHROUDED .025" SQ POST HEADERS



(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
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

PROCESSING

Lead–Free Solderable:
HTSS=Yes
TSS, ZSS=No, Lead Wave only
SMT Lead Coplanarity:
(0.15 mm) .006" max*
*(.004" stencil solution may be available; contact ipg@samtec.com)

SERIES	–	1	NO. PINS PER ROW	–	LEAD STYLE	–	PLATING OPTION	–	ROW OPTION

TSS
= Connector Strip

HTSS
= High Temp Connector Strip

03
(TSS only)

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
(Not available on -DV)

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

–T
= Matte Tin

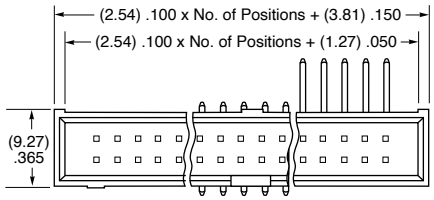
–D
= Double Row Through-hole (lead style –01, –02 & –03 only)

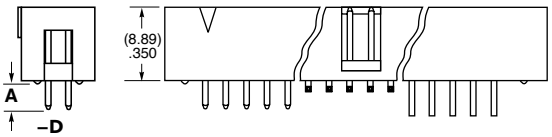
–DV
= Double Row Surface Mount (lead style –01 only) (HTSS only)

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

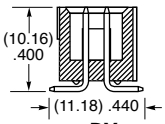
LEAD STYLE	T/H (A)
–01	(2.92) .115
–02	(4.19) .165
–03	(14.35) .565

LEAD STYLE	RIGHT ANGLE (B)
–04	(3.30) .130
–05	(5.84) .230

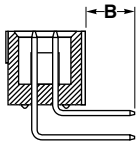




–D



–DV (HTSS ONLY)



–D–RA

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)

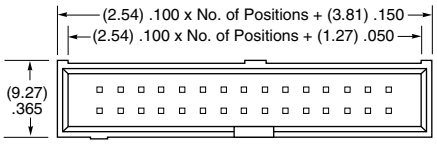
Specify LEAD STYLE from chart

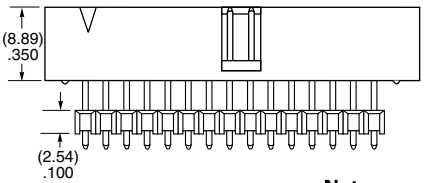
–F
= Gold flash on post, Matte Tin on tail

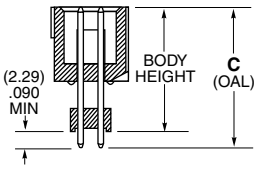
–L
= 10 µ" (0.25 µm) Gold on post, Matte Tin on tail

–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

ALSO AVAILABLE
Contact Samtec

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.

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.

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.