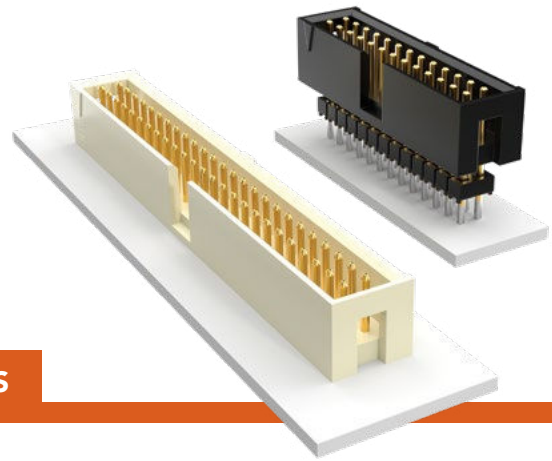


# SHROUDED .025" SQ POST HEADERS

(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

**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

#### Withstanding Voltage:

1000 VRMS

### 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)

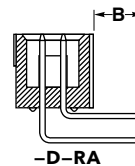
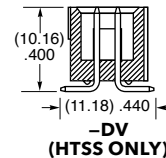
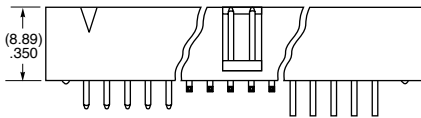
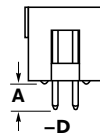
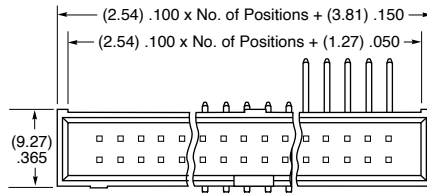
SERIES	1	NO. PINS PER ROW	03	LEAD STYLE	Specify LEAD STYLE from chart	PLATING OPTION	-F = Gold flash on post, Matte Tin on tail (Not available on -DV)	ROW OPTION	-D = Double Row Through-hole (lead style -01, -02 & -03 only)
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**TSS**  
= Connector Strip

**HTSS**  
= High Temp Connector Strip

**03**  
(TSS only)  
**05, 07, 08, 10, 12, 13, 15, 17, 20, 25, 32, 36**  
(Standard sizes)

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

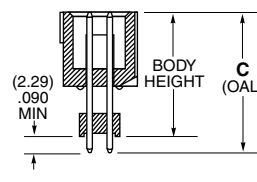
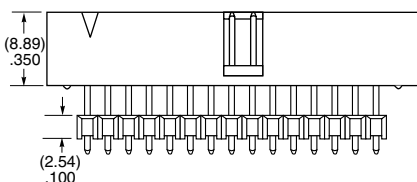
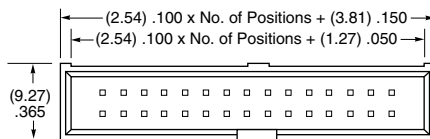


ZSS	1	NO. PINS PER ROW	03, 05, 07, 08, 10, 12, 13, 15, 17, 20, 25, 32, 36 (Standard sizes)	LEAD STYLE	Specify LEAD STYLE from chart	PLATING OPTION	-F = Gold flash on post, Matte Tin on tail	D	-"XXXX" = Body Height
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### ALSO AVAILABLE

MOQ Required

Other sizes  
Other platings  
Alignment Pins  
Single Row  
Locking Leads  
Polarized



#### 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.

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