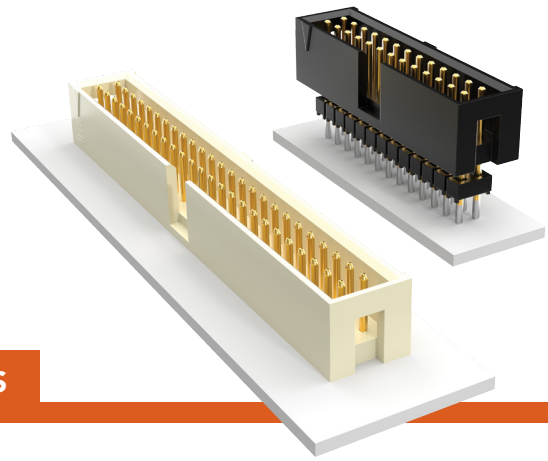


SHROUDED .025" SQ POST HEADERS

(2.54 mm) .100" PITCH • TSS/HTSS/ZSS SERIES



TSS/HTSS/ZSS

Mates:

SSW, SSQ, ESW, ESQ,
SSM, BCS

SPECIFICATIONS

Operating Temp Range:
-55 °C to +125 °C with Gold
-55 °C to +105 °C with Tin

PROCESSING

*(.004" stencil solution
may be available; contact
ipq@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

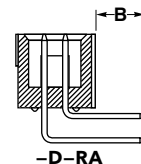
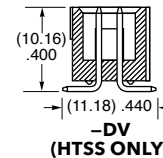
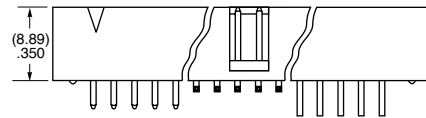
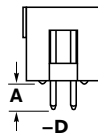
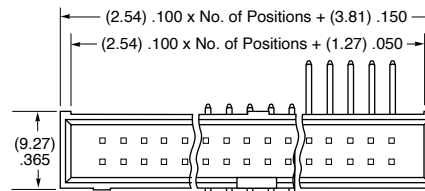
-T
= Matte Tin

-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



ALSO AVAILABLE
Contact Samtec

Other sizes
Other platings
Alignment Pins
Single Row
Locking Leads
Polarized

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

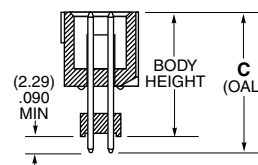
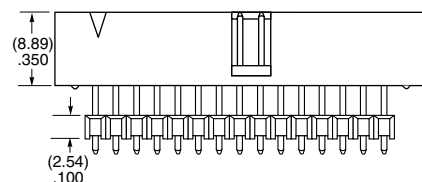
-L
= 10 μ" (0.25 μm)
Gold on post,
Matte Tin on tail

-T
= Matte Tin

– "XXXX"
= Body Height

Diagram illustrating the dimensions of a 16-pin connector. The dimensions are defined as follows:

- Overall width: $(2.54) \cdot 100 \times \text{No. of Positions} + (3.81) \cdot 150$
- Pin pitch (center-to-center): $(2.54) \cdot 100 \times \text{No. of Positions} + (1.27) \cdot 050$
- Overall height: $(9.27) \cdot 365$



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.

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.