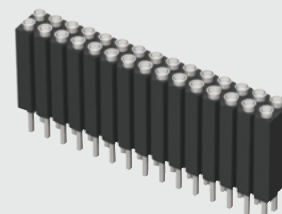


ESD-115-TT-05



SS, SD, ESD, ESS, HSS SERIES

PRECISION MACHINED SOCKET STRIPS

TS, TD, HTS, BBS,
BBD, BBL, BDL, BHS

For complete specifications see www.samtec.com?SS, www.samtec.com?ESS, www.samtec.com?SD, www.samtec.com?ESD or www.samtec.com?HSS

Shell:
Brass except Style 5A
Phosphor Bronze

RoHS Compliant:
Yes

Lead-Free Solderable:
Wave only

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



TYPE STRIP	1	NO. PINS PER ROW	PLATING OPTION	LEAD STYLE	OPTION	OTHER OPTION
			-S = 10 μ" (0.25 μm) Gold contact, Tin shell (Styles 2 & 22 only)		-L = Locking Socket Add -L suffix for locking lead socket in end positions. Requires Style -2 or -22 and .035" ± .003 DIA board hole.	-N = Non Flush N/A Style -5A
			-T = 30 μ" (0.76 μm) Gold contact, Tin shell		 Requires -T Plating Option	
SS = Standard Single Row Socket			-G = 30 μ" (0.76 μm) Gold contact, 10 μ" (0.25 μm) Gold shell			
HSS = High Temp Single Row Socket						
ESS = Elevated Single Row Socket			-TT = Tin contact and shell (Styles 1, 2, 4, and 05 except LIF N/A)			
Styles -5A & -05 socket heads not countersunk.			LIF= Low Insertion Force			
ALSO AVAILABLE (MOQ Required)						
Locking lead option on ESS and ESD series						

LIF= Low Insertion Force

SD = Standard Double Row Socket

ESD = Elevated Double Row Socket

**Style -5A not available.
Styles -5A & -05 socket
heads not countersunk.**

Figure 1: Dimensions of the 16-pin connector. The top view shows a rectangular array of 16 pins with a pitch of (2.54) .100 X No. of Positions. The side view shows a pin height of (5.08) .200 and a pin diameter of (2.54) .100. The bottom view shows a pin diameter of (2.54) .100 TYP.

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

-1A, -1B or -1C
For LIF specify -21A, -21B or -21C
(SS, HSS, SD)

LEAD STYLE	Y
-1A or -21A	(9.14) [231.8] .360 [9.14]
-1B or -21B	(12.95) [327.8] .510 [12.95]
-1C or -21C	(6.60) [167.6] .260 [6.60]

**-2, -22*, -5A,
or -38***
*For LIF specify -22 or -38 (SS, HSS, SD)

Technical drawing of a 1/8-32 x 1.50 inch 304 stainless steel hex bolt. The drawing shows the bolt with dimensions: (1.83) DIA, .072 DIA, (0.76) DIA, .030, (1.32) DIA, .052 DIA, and .030. The drawing also shows the lead style (Z) and the thread pitch (Y).

LEAD STYLE	X DIA	Y	Z
-2 or -22	(0.51) .020	(3.18) .125	(7.62) .300
-38	(0.51) .020	(4.57) .180	(8.89) .350
-5A	(0.89) .035	(12.95) .510	(17.86) .703

Locking lead available. See OPTION.

−03, −04, −05
For LIF specify −23
(ESS, ESD)

LEAD STYLE	A	B	C
-05	(17.86) .703	(13.46) .530	(4.39) .173
-03 or -23	(11.51) .453	(8.38) .330	(3.12) .123
-04	(14.05) .553	(10.92) .430	(3.12) .123

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.