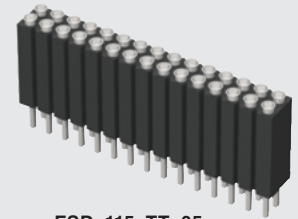


SS-132-G-2



ESD-115-TT-05

(2,54 mm) .100"

SS, SD, ESD, ESS, HSS SERIES

PRECISION MACHINED SOCKET STRIPS

Mates with:
TS, TD, HTS, BBS,
BBD, BBL, BDL, BHS

SPECIFICATIONS

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

Insulator Material:
SS, SD, ESS, ESD= Black G.F. Polyester
HSS= Black Liquid Crystal Polymer

Contact:
BeCu

Shell:
Brass except Style 5A
Phosphor Bronze

Plating:
Au over 50µ" (1,27 µm) Ni or Sn over 50µ" (1,27 µm) Ni

Operating Temp Range:
-55°C to +125°C

Contact Resistance:
10 mΩ

Lead Size Range:
(0,38 mm to 0,56 mm)

.015" to .022" DIA and most IC leads

Insertion Force:
(Single contact only)

Standard= 9 oz (2,50 N) avg., 16 oz (4,45 N) max

Low Insertion Force= 2.5 oz (0,70 N) avg., 5.5 oz (1,53 N) max

Withdrawal Force:
(Single contact only)

Standard= 2.5 oz (0,70 N) avg., 1.5 oz (0,42 N) min

Low Insertion Force= 2.0 oz (0,56 N) avg., 0.35 oz (0,10 N) min

Insertion Depth:
(-05, -1X & -21X, -5A)

(3,18 mm) .125" to (3,99 mm) .157"

Insertion Depth:
(-2, -22, -38)

(2,41 mm) .095" to (3,68 mm) .145"

RoHS Compliant:
Yes

Lead-Free Solderable:
Wave only

RECOGNITIONS

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



FILE NO. E111594

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

TYPE STRIP	NO. PINS PER ROW	PLATING OPTION	LEAD STYLE	OPTION	OTHER OPTION																
<p>1</p> <p>01 thru 32 = SS, ESS Series</p> <p>01 thru 36 = HSS, SD & ESD Series</p>		<p>-S = 10µ" (0,25 µm) Gold contact, Tin shell (Styles 2 & 22 only)</p>		<p>-L = Locking Socket</p> <p>Add -L suffix for locking lead socket in end positions. Requires Style -2 or -22 and .035" ± .003" DIA board hole.</p> <p>Requires -T Plating Option</p>	<p>-N = Non Flush</p> <p>N/A Style -5A</p>																
		<p>-T = 30µ" (0,76 µm) Gold contact, Tin shell</p>																			
<p>SS = Standard Single Row Socket</p> <p>HSS = High Temp Single Row Socket</p>		<p>-G = 30µ" (0,76 µm) Gold contact, 10µ" (0,25 µm) Gold shell</p>																			
		<p>-TT = Tin contact and shell (Styles 1, 2, 4, and 05 except LIF N/A)</p>																			
<p>ESS = Elevated Single Row Socket</p> <p>Styles -5A & -05 socket heads not countersunk.</p>																					
<p>SD = Standard Double Row Socket</p> <p>ESD = Elevated Double Row Socket</p> <p>Style -5A not available. Styles -5A & -05 socket heads not countersunk.</p>																					
			<p>-1A, -1B or -1C For LIF specify -21A, -21B or -21C (SS, HSS, SD)</p> <table border="1"> <thead> <tr> <th>LEAD STYLE</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>-1A or -21A</td> <td>(9,14) .360</td> </tr> <tr> <td>-1B or -21B</td> <td>(12,95) .510</td> </tr> <tr> <td>-1C or -21C</td> <td>(6,60) .260</td> </tr> </tbody> </table>	LEAD STYLE	Y	-1A or -21A	(9,14) .360	-1B or -21B	(12,95) .510	-1C or -21C	(6,60) .260										
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LIF= Low Insertion Force