



ESS-120-T/05

ESS-118-G/28

ESD-115-G/03

ELEVATED SOCKET STRIPS ESS, ESD SERIES

Mates with:
TS, TD, HTS, BBS, BBD,
BB1, BDL, BHS, LBS

Specifications: ESS, ESD

Insulator Material: Black Glass Filled Polyester
Flammability Rating: UL 94V-O
Insulation Resistance: 5000 MΩ min
Operating Temp Range:
-65°C to +105°C with Tin;
-65°C to +125°C with Gold
Dielectric With Standing Voltage: 1000 VRMS
Contact: BeCu
Shell: Brass
Plating: Au or Sn over 50μ" (1,27μm) Ni
Current Rating: 1A
Contact Resistance: 10 mΩ max
Lead Size Range: .015" to .022" (0,38mm to .56mm) DIA and most IC leads
Insertion Force:
Standard= 9 oz (2,50N) avg,
16 oz (4,45N) max
Low Insertion Force= 2.5 oz (0,70N) avg, 5.5 oz (1,53N) max
Withdrawal Force:
Standard= 2.5 oz (0,70N) avg, 1.5 oz (0,42N) min (.017")
Low Insertion Force= 2.0 oz (0,56N) avg, 0.35 oz (0,10N) max
Insertion Depth: .125" (3,18mm) to .157" (3,99mm)
Note: Some lengths, styles and options are non-standard, non-returnable.

TYPE STRIP

ESS = Elevated Single Strip

ESD = Elevated Double Strip

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NO PINS PER ROW

PLATING OPTION

-G
= 30μ" (0,76μm) Gold Contact
10μ" (0,25μm) Gold shell

-T
= 30μ" (0,76μm) Gold Contact
200μ" (5,08μm) Tin Shell

-TT
= 200μ" (5,08μm) Tin Contact and Shell

LEAD STYLE

/03
For LIF specify /23

/04
For LIF specify /24

/05
For LIF specify /25

/06
For LIF specify /26

/07
For LIF specify /27

/08
For LIF specify /28

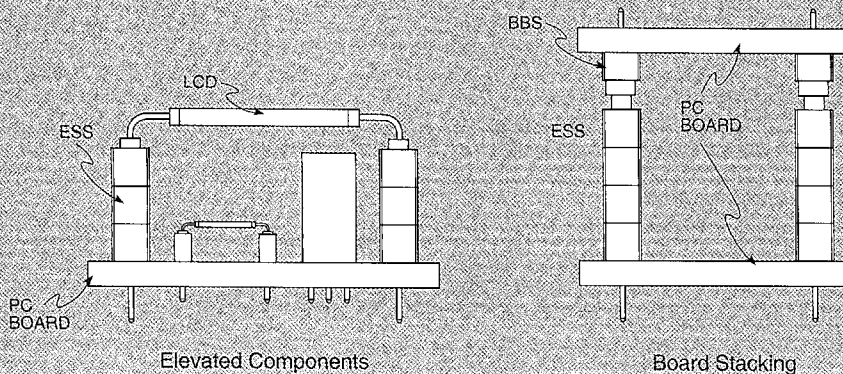
01 thru 32

01 thru 36

LEAD STYLE	A	B	C
03 or 23	(11,51) .453	(8,38) .330	(3,12) .123
04 or 24	(14,05) .553	(10,92) .430	(3,12) .123
05 or 25	(17,86) .703	(13,46) .530	(4,39) .173
06 or 26	(14,05) .553	(8,38) .330	(5,66) .223
07 or 27	(17,86) .703	(10,92) .430	(6,93) .273
08 or 28	(17,86) .703	(8,38) .330	(9,47) .373

LIF= Low Insertion Force

APPLICATIONS



Board Space		Terminal	Socket
Inch	Millimeter		
0.400	(10,16)	BXL-1XX-X-E	ESX-1XX-X/03
0.415	(10,54)	BXL-1XX-X-F	ESX-1XX-X/03
0.500	(12,70)	BXL-1XX-X-E	ESX-1XX-X/04
0.515	(13,08)	BXL-1XX-X-F	ESX-1XX-X/04
0.540	(13,72)	BBX-1XX-X-A	ESX-1XX-X/03
0.600	(15,24)	BXL-1XX-X-E	ESX-1XX-X/05
0.615	(15,62)	BXL-1XX-X-F	ESX-1XX-X/05
0.640	(16,26)	BBX-1XX-X-A	ESX-1XX-X/05
0.665	(16,89)	BBX-1XX-X-B	ESX-1XX-X/04
0.740	(18,80)	BBX-1XX-X-A	ESX-1XX-X/05
0.785	(19,93)	BBX-1XX-X-B	ESX-1XX-X/04
0.865	(21,97)	BBX-1XX-X-B	ESX-1XX-X/05
0.915	(23,24)	BBX-1XX-X-C	ESX-1XX-X/03
1.015	(25,78)	BBX-1XX-X-C	ESX-1XX-X/04
1.115	(28,32)	BBX-1XX-X-C	ESX-1XX-X/05
1.185	(29,59)	BBX-1XX-X-D	ESX-1XX-X/03
1.285	(32,13)	BBX-1XX-X-D	ESX-1XX-X/04
1.365	(34,67)	BBX-1XX-X-D	ESX-1XX-X/05

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