

5.00 mm DUAL ROW FEMALE HEADER SMT

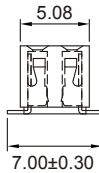
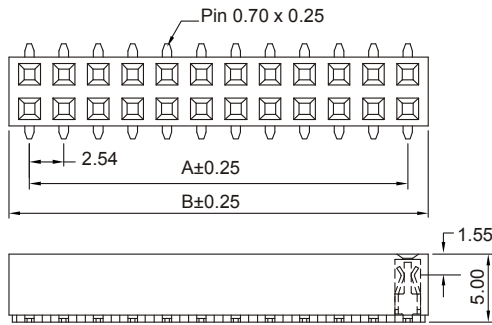


2199 SERIE 2.54 mm. (0.100"). For PCB solder

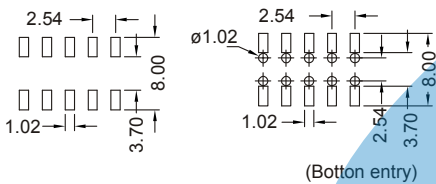
Features

- Available in 4 through 80 circuits
- Mates with dual row 2.54 mm.
- Material : Polyester UL 94V-0
- Phosphor bronze terminal with different plating
- 0.64 mm square pin
- Dual iron strap contact with low force of insertion
- Bottom entry
- Low profil. With or without fixation pivots

Dimensional information:

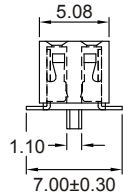
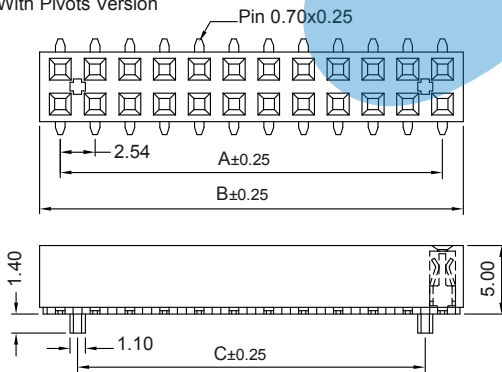


RECOMMENDED HOLE PATTERN

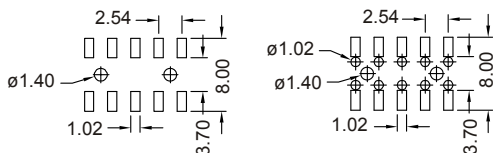


(Bottom entry)

With Pivots Version



Recommended PCB Layout



Ordering and dimensional information:

CIRCUIT SIZE	PART NUMBER		DIMENSIONS		
	Without Pivots	With Pivots	A	B	C
04	2199-T041E	2199-T042E	2,54(0,100)	5,58(0,220)	-
06	2199-T061E	2199-T062E	5,08(0,200)	8,12(0,320)	2,54(0,100)
08	2199-T081E	2199-T082E	7,62(0,300)	10,66(0,420)	5,08(0,200)
10	2199-T101E	2199-T102E	10,16(0,400)	13,20(0,520)	7,62(0,300)
12	2199-T121E	2199-T122E	12,70(0,500)	15,74(0,620)	10,16(0,400)
14	2199-T141E	2199-T142E	15,24(0,600)	18,28(0,720)	12,70(0,500)
16	2199-T161E	2199-T162E	17,78(0,700)	20,82(0,820)	15,24(0,600)
18	2199-T181E	2199-T182E	20,32(0,800)	23,36(0,920)	17,78(0,700)
20	2199-T201E	2199-T202E	22,86(0,900)	25,90(1,020)	20,32(0,800)
22	2199-T221E	2199-T222E	25,40(1,000)	28,44(1,120)	22,86(0,900)
24	2199-T241E	2199-T242E	27,94(1,100)	30,98(1,220)	25,40(1,000)
26	2199-T261E	2199-T262E	30,48(1,200)	33,52(1,320)	27,94(1,100)
28	2199-T281E	2199-T282E	33,02(1,300)	36,06(1,420)	30,48(1,200)
30	2199-T301E	2199-T302E	35,56(1,400)	38,60(1,520)	33,02(1,300)
32	2199-T321E	2199-T322E	38,10(1,500)	41,14(1,620)	35,56(1,400)
34	2199-T341E	2199-T342E	40,64(1,600)	43,68(1,720)	38,10(1,500)
36	2199-T361E	2199-T362E	43,18(1,700)	46,22(1,820)	40,64(1,600)
38	2199-T381E	2199-T382E	45,72(1,800)	48,76(1,920)	43,18(1,700)
40	2199-T401E	2199-T402E	48,26(1,900)	51,30(2,020)	45,72(1,800)
42	2199-T421E	2199-T422E	50,80(2,000)	53,84(2,120)	48,26(1,900)
44	2199-T441E	2199-T442E	53,34(2,100)	56,38(2,220)	50,80(2,000)
46	2199-T461E	2199-T462E	55,88(2,200)	58,92(2,320)	53,34(2,100)
48	2199-T481E	2199-T482E	58,42(2,300)	61,46(2,420)	55,88(2,200)
50	2199-T501E	2199-T502E	60,96(2,400)	64,00(2,520)	58,42(2,300)
52	2199-T521E	2199-T522E	63,50(2,500)	66,54(2,620)	60,96(2,400)
54	2199-T541E	2199-T542E	66,04(2,600)	69,08(2,720)	63,50(2,500)
56	2199-T561E	2199-T562E	68,58(2,700)	71,62(2,820)	66,04(2,600)
58	2199-T581E	2199-T582E	71,12(2,800)	74,16(2,920)	68,58(2,700)
60	2199-T601E	2199-T602E	73,66(2,900)	76,70(3,020)	71,12(2,800)
62	2199-T621E	2199-T622E	76,20(3,000)	79,24(3,120)	73,66(2,900)
64	2199-T641E	2199-T642E	78,74(3,100)	81,78(3,220)	76,20(3,000)
66	2199-T661E	2199-T662E	81,28(3,200)	84,32(3,320)	78,74(3,100)
68	2199-T681E	2199-T682E	83,82(3,300)	86,86(3,420)	81,28(3,200)
70	2199-T701E	2199-T702E	86,36(3,400)	89,40(3,520)	83,82(3,300)
72	2199-T721E	2199-T722E	88,90(3,500)	91,94(3,620)	86,36(3,400)
74	2199-T741E	2199-T742E	91,44(3,600)	94,48(3,720)	88,90(3,500)
76	2199-T761E	2199-T762E	93,98(3,700)	97,02(3,820)	91,44(3,600)
78	2199-T781E	2199-T782E	96,52(3,800)	99,56(3,920)	93,98(3,700)
80	2199-T801E	2199-T802E	99,06(3,900)	102,10(4,020)	96,52(3,800)

T = Contact Plating

- T = 2. Tin-plated.
 - T = 3. Gold flash over 1.27 μ Ni.
- RECOMMENDED FINISH
- T = 5. 0.38 μ Gold over 1.27 μ Ni.
 - T = 6. 0.75 μ Gold over 1.27 μ Ni.

E = Packing Options

- E = 1. Tube + Plastic cover
- E = 2. Reel + Plastico cover