



# Pin Receptacles and P.C. Pins

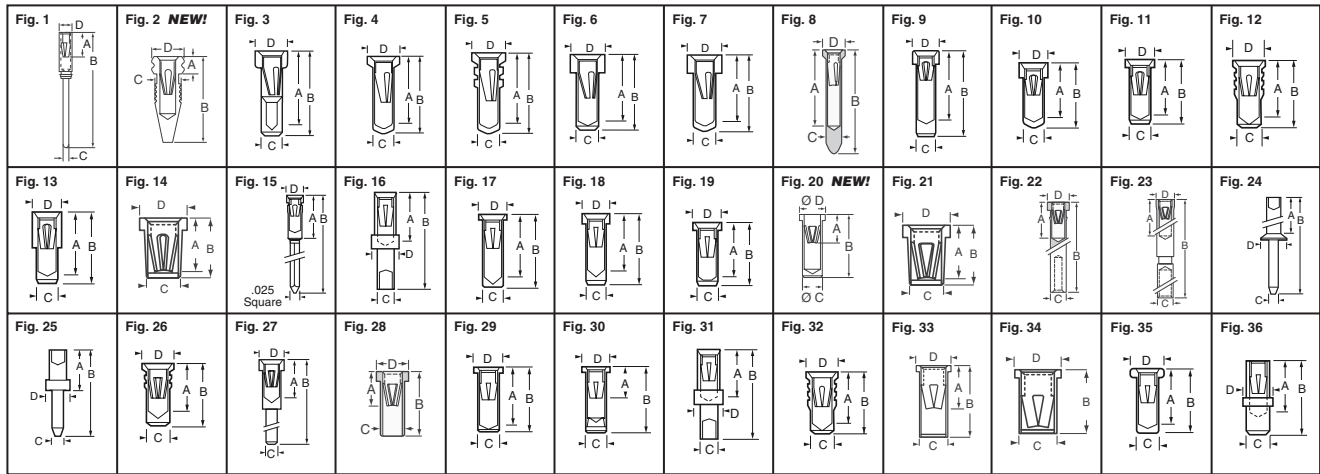


Fig.	Mounting Hole Dia. Inch (mm)	Dimensions - Inch (mm)				Digi-Key Part No.	10	100	1,000
<b>Pin Receptacles</b>									
<b>.008" - .013" (.20 mm - .33 mm) Pin Diameter - RoHS Compliant</b>									
1	.024 (0.61) .027 (0.69)	.053 (1.35)	.250 (6.35)	.030	.026 (.66)	ED5062-ND	20.77	155.80	1038.67
<b>NEW! .010" - .017" (.25mm - .43mm) Pin Diameter - RoHS Compliant NEW!</b>									
2	.041 (1.04) .044 (1.12)	.030 (0.76)	.155 (3.94)	.045 (1.14)	.055 (1.40)	ED90437-ND	4.74	35.55	237.00
<b>.015" - .022" (.38mm - .53mm) Pin Diameter</b>									
3	.036 (.91) .036 (.91)	.138 (3.51) .138 (3.51)	.155 (3.94) .155 (3.94)	.034 (.86) .034 (.86)	.058 (1.47) .058 (1.47)	ED5036-ND ED90094-ND	2.84 3.23	21.31 24.24	142.07 161.59
4	.040 (1.02) .040 (1.02) .040 (1.02) .040 (1.02)	.120 (3.05) .120 (3.05) .120 (3.05) .120 (3.05)	.136 (3.45) .136 (3.45) .136 (3.45) .136 (3.45)	.038 (.97) .038 (.97) .038 (.97) .038 (.97)	.055 (1.40) .055 (1.40) .055 (1.40) .055 (1.40)	ED5037-ND ED5038-ND ED90095-ND ED90096-ND	1.17 1.19 2.84 1.56	8.75 8.89 21.31 11.72	58.35 59.25 142.07 78.10
5	.041 (1.04) .041 (1.04) .041 (1.04) .041 (1.04)	.124 (3.15) .124 (3.15) .124 (3.15) .124 (3.15)	.140 (3.56) .140 (3.56) .140 (3.56) .140 (3.56)	.038 (.97) .038 (.97) .038 (.97) .038 (.97)	.055 (1.40) .055 (1.40) .055 (1.40) .055 (1.40)	ED5039-ND ED5040-ND ED90097-ND ED90098-ND	2.12 2.15 3.83 3.89	15.89 16.10 28.68 29.22	105.93 107.73 191.22 194.81
6	.040 (1.02) .040 (1.02)	.127 (3.23) .127 (3.23)	.146 (3.71) .146 (3.71)	.038 (.97) .038 (.97)	.055 (1.40) .055 (1.40)	ED5046-ND ED90104-ND	2.66 3.05	19.96 22.89	133.09 152.61
7	.040 (1.02) .040 (1.02)	.140 (3.56) .140 (3.56)	.160 (4.06) .160 (4.06)	.038 (.97) .038 (.97)	.056 (1.42) .056 (1.42)	ED5041-ND ED90099-ND	3.16 3.59	23.77 26.99	158.45 179.32
8	.040 (1.02) .040 (1.02)	.195 (4.95) .195 (4.95)	.234 (5.94) .295 (7.49)	.038 (.97) .038 (0.97)	.055 (1.40) .055 (1.40)	ED90329-ND ED90330-ND	3.68 3.80	27.57 28.51	183.81 190.09
<b>.015" - .025" (.38mm - .64mm) Pin Diameter</b>									
9	.051 (1.30) .051 (1.30)	.205 (5.21) .205 (5.21)	.248 (6.30) .248 (6.30)	.049 (1.24) .049 (1.24)	.063 (1.60) .063 (1.60)	ED5045-ND ED90103-ND	2.95 5.07	22.15 38.07	147.68 253.83
10	.053 (1.35) .053 (1.35) .053 (1.35) .053 (1.35)	.135 (3.43) .135 (3.43) .135 (3.43) .135 (3.43)	.160 (4.06) .160 (4.06) .160 (4.06) .160 (4.06)	.051 (1.30) .051 (1.30) .051 (1.30) .051 (1.30)	.072 (1.83) .072 (1.83) .072 (1.83) .072 (1.83)	ED5042-ND ED90100-ND ED90451-ND ED5044-ND	3.39 3.97 3.97 1.59	25.45 29.76 29.76 11.98	169.67 198.40 198.40 79.90
11	.057 (1.45) .057 (1.45)	.142 (3.61) .142 (3.61)	.161 (4.09) .161 (4.09)	.055 (1.40) .055 (1.40)	.072 (1.83) .072 (1.83)	ED90102-ND ED5043-ND	2.19 1.87	16.39 14.27	109.30 93.81
12	.057 (1.45) .057 (1.45)	.150 (3.81) .150 (3.81)	.170 (4.32) .170 (4.32)	.053 (1.35) .053 (1.35)	.072 (1.83) .072 (1.83)	ED5004-ND ED90069-ND	2.21 4.17	16.56 31.27	110.42 208.50
13	.061 (1.55) .061 (1.55)	.150 (3.81) .150 (3.81)	.180 (4.57) .180 (4.57)	.058 (1.47) .058 (1.47)	.078 (1.98) .078 (1.98)	ED5043-ND ED90101-ND	1.87 2.60	14.07 19.53	93.81 130.17
14	.057 (1.45) .057 (1.45)	.089 (2.26) .089 (2.26)	.100 (2.54) .100 (2.54)	.043 (1.09) .043 (1.09)	.068 (1.73) .068 (1.73)	ED90282CT-ND ED90282TR-ND	12.71 2621.81	95.34 815.500	635.59
15	.055 (1.40) .055 (1.40) .055 (1.40) .055 (1.40) .055 (1.40)	.200 (5.08) .200 (5.08) .200 (5.08) .200 (5.08) .200 (5.08)	.700 (17.78) .560 (14.22) .560 (14.22) .700 (17.78) .560 (14.22)	— — — — —	.072 (1.83) .072 (1.83) .072 (1.83) .072 (1.83) .072 (1.83)	ED5001-ND ED5002-ND ED5003-ND ED90066-ND ED90067-ND ED90068-ND	3.86 3.52 3.32 5.12 4.61 4.31	28.99 26.43 24.95 38.28 34.57 32.32	193.24 176.18 166.30 255.85 230.49 215.45
<b>.022" - .032" (.56mm - .81mm) Pin Diameter</b>									
16	.060 (1.52) .060 (1.52)	.170 (4.32) .170 (4.32)	.294 (7.47) .294 (7.47)	.058 (1.47) .058 (1.47)	.094 (2.39) .094 (2.39)	ED5015-ND ED90080-ND	5.33 7.92	39.99 59.45	266.63 396.35
17	.063 (1.60) .063 (1.60)	.233 (5.92) .233 (5.92)	.259 (6.58) .259 (6.58)	.060 (1.52) .060 (1.52)	.077 (1.96) .077 (1.96)	ED90073-ND ED5008-ND	5.71 3.32	42.86 24.95	285.70 166.30
18	.071 (1.80) .071 (1.80)	.210 (5.33) .210 (5.33)	.250 (6.35) .250 (6.35)	.068 (1.73) .068 (1.73)	.093 (2.36) .093 (2.36)	ED5006-ND ED90071-ND	3.11 5.57	23.33 41.74	155.53 278.30
19	.076 (1.93) .076 (1.93)	.185 (4.70) .185 (4.70)	.206 (5.23) .206 (5.23)	.072 (1.83) .072 (1.83)	.090 (2.29) .090 (2.29)	ED5007-ND ED90072-ND	3.03 3.98	22.76 29.86	151.72 199.07
<b>.022" - .034" (.56mm - .86mm) Pin Diameter - RoHS Compliant</b>									
20	.062 (1.57) .062 (1.57)	.165 (4.19) .165 (4.19)	.190 (4.83) .190 (4.83)	.060 (1.52) .060 (1.52)	.078 (1.98) .078 (1.98)	ED90445-ND ED90283CT-ND ED90283TR-ND	4.31 13.45 3026.80	32.35 100.89	215.68 672.62
21	.067 (1.70) .067 (1.70)	.089 (2.26) .089 (2.26)	.100 (2.54) .100 (2.54)	.056 (1.42) .056 (1.42)	.078 (1.98) .078 (1.98)	ED90320-ND	7.65	57.36	382.43
22	.067 (1.70) .067 (1.70)	.140 (3.56) .140 (3.56)	.352 (8.94) .352 (8.94)	.062 (1.57) .062 (1.57)	.085 (2.16) .085 (2.16)	ED90321-ND ED90321-ND	12.65	94.83	632.22
23	.188	.280 (7.11)	.665 (16.89)	.067 (1.70)	.075 (1.91)	ED90321-ND	12.65	94.83	632.22
<b>.024" (.61mm) Pin Diameter - RoHS Compliant</b>									
24	.035 (.89) .035 (.89)	.047 (1.19) .047 (1.19)	.260 (6.60) .291 (7.39)	.024 (.61) .024 (.61)	.060 (1.52) .060 (1.52)	ED5055-ND ED5056-ND	2.15 2.24	16.16 16.13	107.73 112.22
25	.043 (1.09) .043 (1.09)	.076 (1.93) .076 (1.93)	.201 (5.11) .232 (5.89)	.024 (.61) .024 (.61)	.062 (1.57) .062 (1.57)	ED5053-ND ED5054-ND	2.12 1.31	15.89 9.83	105.93 65.53
<b>.025" - .037" (.64mm - .94mm) Pin Diameter</b>									
26	.062 (1.57) .062 (1.57)	.165 (4.19) .165 (4.19)	.200 (5.08) .200 (5.08)	.057 (1.45) .057 (1.45)	.078 (1.98) .078 (1.98)	ED5005-ND ED90070-ND	3.39 4.17	25.45 31.34	169.67 208.95
27	.042 (1.07) .042 (1.07) .042 (1.07) .042 (1.07)	.180 (4.57) .180 (4.57) .180 (4.57) .180 (4.57)	.320 (8.13) .397 (10.08) .320 (8.13) .397 (10.08)	.040 (1.02) .040 (1.02) .040 (1.02) .040 (1.02)	.078 (1.98) .078 (1.98) .078 (1.98) .078 (1.98)	ED5009-ND ED5010-ND ED90074-ND ED90075-ND	3.29 4.69 5.62 5.79	24.64 35.21 42.19 43.39	164.28 234.76 280.96 289.29

Fig.	Mounting Hole Dia. Inch (mm)	Dimensions - Inch (mm)				Digi-Key Part No.	10	100	1,000
<b>.032" - .046" (.81mm - 1.17mm) Pin Diameter</b>									
28	.059 (1.49) .061 (1.54)	.083 (2.11) .083 (2.11) .083 (2.11) .083 (2.11)	.095 (2.41) .105 (2.67) .155 (3.94) .155 (3.94)	.056 (1.42) .058 (1.47) .058 (1.47) .051 (1.30)	.076 (1.93) .076 (1.93) .076 (1.93) .076 (1.93)	ED90331-ND ED90332-ND ED90333-ND ED90438-ND	6.26 6.28 4.62 4.08	47.00 37.67 34.10 30.63	313.31 231.16 231.16 204.23
<b>.032" - .046" (.81mm - 1.17mm) Pin Diameter</b>									
29	.075 (1.91) .075 (1.91) .075 (1.91) .075 (1.91)	.180 (4.57) .180 (4.57) .241 (6.12) .241 (6.12)	.206 (5.23) .206 (5.23) .270 (6.86) .270 (6.86)	.072 (1.83) .072 (1.83) .072 (1.83) .072 (1.83)	.091 (2.31) .091 (2.31) .091 (2.31) .091 (2.31)	ED5016-ND ED90081-ND ED90081-ND ED90450-ND	3.12 4.15 4.03 6.34	23.40 31.17 207.82 47.57	155.98 207.82 201.54 317.12
30	.075 (1.91) .075 (1.91)	.123 (3.12) .123 (3.12)	.221 (5.61) .221 (5.61)	.072 (1.83) .072 (1.83)	.090 (2.29) .090 (2.29)	ED5018-ND ED90083-ND	6.44 6.04	48.24 45.34	322.28 301.64
31	.067 (1.70) .067 (1.70)	.200 (5.08) .200 (5.08)	.324 (8.23) .324 (8.23)	.065 (1.65) .065 (1.65)	.125 (3.18) .125 (3.18)	ED5021-ND ED90085-ND	9.13 3.60	48.24 68.54	322.28 456.94
32	.079 (2.01) .079 (2.01)	.180 (4.57) .180 (4.57)	.206 (5.23) .206 (5.23)	.071 (1.80) .071 (1.80)	.091 (2.31) .091 (2.31)	ED5017-ND ED90082-ND	6.46 4.66	40.26 34.91	268.42 232.74
33	.077 (1.96) .077 (1.96)	.125 (3.18) —	.206 (5.23) .140 (3.56)	.064 (1.63) .064 (1.63)	.090 (2.29) .090 (2.29)	ED90280-ND ED90281TR-ND	8.46 15.47	63.46 116.04	423.05 773.62
34	.091 (2.31) .091 (2.31)	.220 (5.59) .220 (5.59)	.253 (6.43) .253 (6.43)	.087 (2.21) .087 (2.21)	.120 (3.05) .120 (3.05)	ED5013-ND ED90078-ND	4.14 6.98	31.07 52.38	207.15 349.22
35	.089 (2.26) .089 (2.26)	.220 (5.59) .220 (5.59)	.317 (8.05) .317 (8.05)	.085 (2.16) .085 (2.16)	.125 (3.18) .125 (3.18)	ED5014-ND ED90079-ND	7.02 8.74	52.72 65.58	351.46 437.19
36	.087 (2.21) .087 (2.21)	.195 (4.95) .195 (4.95)	.236 (5.99) .236 (5.99)	.084 (2.13) .084 (2.13)	.126 (3.20) .126 (3.20)	ED5012-ND ED90077-ND	5.40 6.77	50.50 40.77	269.99 338.44
37	.087 (2.21) .087 (2.21)	.130 (3.30) .130 (3.30)	.236 (5.99) .236 (5.99)	.084 (2.13) .084 (2.13)	.126 (3.20) .126 (3.20)	ED5011-ND ED90076-ND	4.04 5.48	30.33 41.04	202.51 272.27
38	.090 (2.29) .090 (2.29)	.130 (3.30) .130 (3.30)	.250 (6.35) .250 (6.35)	.080 (2.03) .080 (2.03)	.110 (2.79) .110 (2.79)	ED5028-ND ED90088-ND	5.41 6.98	40.57 52.32	270.44 348.77
39	.082 (2.08) .082 (2.08)	.200 (5.08) .200 (5.08)	.530 (13.46) .375 (9.52)	.105 (2.67) .030 (0.76)	.102 (2.58) .090 (2.29)	ED90322-ND ED90326-ND	12.69 5.34	95.20 40.03	634.69 286.85
<b>.037" - .043" (.94mm - 1.09mm) Pin Diameter</b>									
40	.071 (1.80) .071 (1.80) .071 (1.80)	.127 (3.23) .127 (3.23) .147 (3.73)	.150 (3.81) .150 (3.81) .170 (4.32)	.069 (1.75) .069 (1.75) .069 (1.75)	.090 (2.29) .090 (2.29) .090 (2.29)	ED5019-ND ED90084-ND ED90447-ND	3.12 3.84 4.65	23.40 28.70 34.81	155.98 191.66 232.06
41	.071 (1.80) .071 (1.80)	.147 (3.73) .147 (3.73)	.170 (4.32) .170 (4.32)	.069 (1.75) .069 (1.75)	.090 (2.29) .090 (2.29)	ED90452-ND ED90446-ND	5.30 4.94	39.72 37.06	264.83 247.10
42	.071 (1.80) .071 (1.80)	.127 (3.23) .127 (3.23)	.150 (3.81) .150 (3.81)	.069 (1.75) .069 (1.75)	.090 (2.29) .090 (2.29)	ED90327-ND ED90327-ND	6.34 6.34	43.57 37.12	317.12
<b>.040" - .050" (1.02mm - 1.27mm) Pin Diameter</b>									
43	.102 (2.59) .102 (2.59) .102 (2.59) .102 (2.59)	.260 (6.60) .260 (6.60) .260 (6.60) .260 (6.60)	.290 (7.37) .290 (7.37) .290 (7.37) .290 (7.37)	.100 (2.54) .100 (2.54) .100 (2.54) .100 (2.54)	.118 (3.00) .118 (3.00) .118 (3.00) .118 (3.00)	ED5024-ND ED90089-ND ED90439-ND ED90440-ND	4.41 7.51 5.91 4.86	33.09 56.29 44.37 36.46	220.62 375.25 295.80 203.06
44	.104 (2.64) .104 (2.64)	.260 (6.60) .260 (6.60)	.290 (7.37) .290 (7.37)	.088 (2.24) .088 (2.24)	.119 (3.02) .119 (3.02)	ED5023-ND ED90086-ND	6.14 7.82	46.05 58.68	307.60 391.18
45	.083 (2.11) .083 (2.11)	.093 (2.36) .093 (2.36)	.125 (3.18) .125 (3.18)	.068 (1.73) .068 (1.73)	.100 (2.54) .100 (2.54)	ED90285CT-ND ED90285TR-ND	15.82 2670.80	118.70 80.4	791.35 4,500
<b>.040" (1.02mm) Pin Diameter</b>									
46	.043 (1.09) .043 (1.09) .043 (1.09)	.071 (1.80) .102 (2.59) .102 (2.59)	.221 (5.61) .252 (6.40) .290 (7.37)	.040 (1.02) .040 (1.02) .040 (1.02)	.070 (1.78) .070 (1.78) .070 (1.78)	ED5047-ND ED5048-ND ED5050-ND	2.3		