



Pin Receptacles and P.C. Pins

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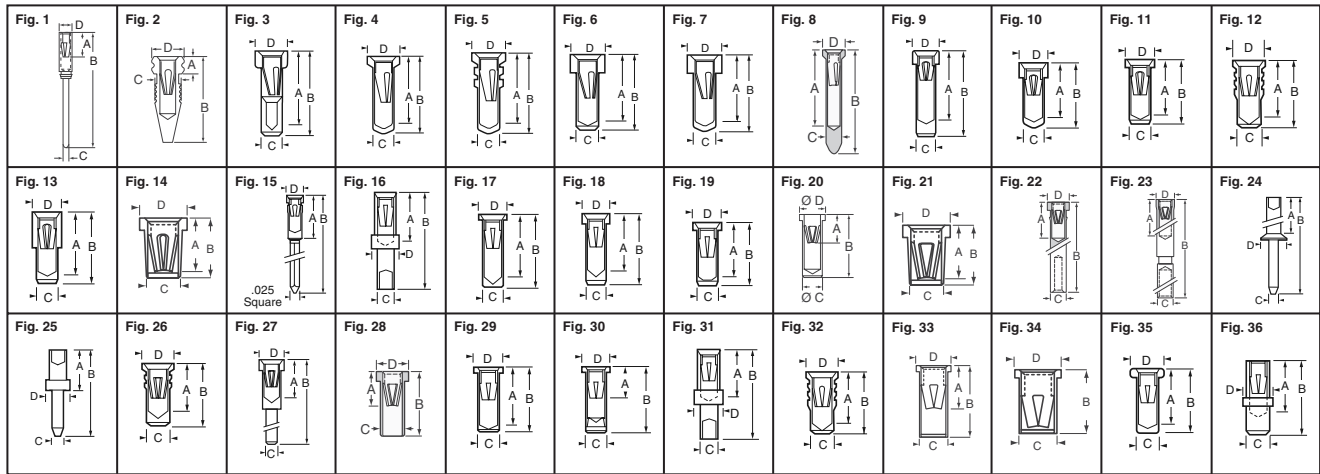


Fig.	Mounting Hole Dia. Inch (mm)	Dimensions - Inch (mm)				Digi-Key Part No.	10	Pricing 100 1,000	
Pin Receptacles									
.008" - .013" (.20 mm - .33 mm) Pin Diameter - RoHS Compliant									
1	.024 (0.61) .027 (0.69)	.053 (1.35)	.250 (6.35)	.012 (.30)	.026 (.66)	ED05062-ND	16.33	122.50	816.68
.010" - .017" (.25mm - .43mm) Pin Diameter - RoHS Compliant									
2	.041 (1.04) .044 (1.12)	.030 (0.76)	.155 (3.94)	.045 (1.14)	.055 (1.40)	ED090437-ND	3.57	26.79	178.60
.015" - .022" (.38mm - .53mm) Pin Diameter									
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)	ED05036-ND ED90094-ND	2.14 2.47	16.06 18.54	107.06 123.58
4	.040 (1.02) .040 (1.02) .040 (1.02) .040 (1.02)	.120 (3.05) .150 (3.81) .120 (3.05) .150 (3.81)	.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)	ED05037-ND ED05038-ND ED90095-ND ED90096-ND	.91 .93 2.18 1.26	6.82 6.99 16.38 9.44	45.44 46.59 109.21 62.95
5	.041 (1.04) .041 (1.04) .041 (1.04) .041 (1.04)	.124 (3.15) .154 (3.91) .124 (3.15) .154 (3.91)	.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)	ED05039-ND ED05040-ND ED90097-ND ED90098-ND	1.61 1.64 2.92 2.97	12.09 12.09 21.91 22.26	80.63 81.62 146.05 148.37
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)	ED05046-ND ED90104-ND	2.01 2.35	15.07 17.62	100.45 117.47
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)	ED05041-ND ED90099-ND	2.38 2.74	17.87 20.55	119.12 136.97
8	.040 (1.02) .040 (1.02)	.195 (4.95) .195 (4.95)	.234 (5.94) .295 (7.49)	.038 (.97) .038 (.97)	.055 (1.40) .055 (1.40)	ED90329-ND ED90330-ND	2.83 2.94	21.24 21.04	141.59 146.88
.015" - .025" (.38mm - .64mm) Pin Diameter									
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)	ED05045-ND ED90103-ND	2.26 3.93	16.95 29.47	113.01 196.45
10	.053 (1.35) .053 (1.35) .053 (1.35) .053 (1.35)	.135 (3.43) .135 (3.43) .160 (4.06) .160 (4.06)	.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)	ED05042-ND ED90100-ND ED90451-ND ED90452-ND	2.59 3.09 3.09 1.26	19.43 23.17 154.48 9.44	129.53 154.48 154.48 62.95
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 ED90102-ND	1.77 1.77	13.26 13.26	88.39 88.39
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)	ED05044-ND ED90069-ND	1.71 3.24	12.81 24.29	85.42 161.92
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)	ED05043-ND ED90101-ND	1.47 2.10	11.07 15.76	73.36 105.08
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	9.36 1945.78/5.500	70.19 5.500	467.90 5.500
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)	.560 (14.22) .560 (14.22) .560 (14.22) .560 (14.22) .560 (14.22)	— — — — —	.072 (1.83) .072 (1.83) .072 (1.83) .072 (1.83) .072 (1.83)	ED05001-ND ED05002-ND ED05003-ND ED90066-ND ED90067-ND	3.02 2.74 2.59 4.11 3.69	22.70 20.59 19.41 30.85 27.18	151.34 137.30 129.37 205.70 184.72
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)	ED05015-ND ED90080-ND	4.07 6.15	30.53 46.12	203.55 307.47
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 ED05008-ND	4.48 2.59	33.61 36.41	224.04 129.53
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)	ED05006-ND ED90071-ND	2.47 4.43	18.54 33.21	123.58 221.39
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)	ED05007-ND ED90072-ND	2.37 3.20	17.79 23.99	118.63 159.93
.022" - .032" (.56mm - .81mm) Pin Diameter									
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	3.27 9.90	24.54 74.27	163.57 495.16
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)	ED90283TR-ND	—	—	2249.06/8.000
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)	ED90320-ND ED90321-ND	5.92 9.44	44.41 73.36	296.07 489.05
.024" (.61mm) Pin Diameter - RoHS Compliant									
24	.035 (.89) .035 (.89)	.047 (1.19) .047 (1.19)	.260 (6.60) .260 (6.60)	.024 (.61) .024 (.61)	.060 (1.52) .060 (1.52)	ED05055-ND ED05056-ND	1.68 1.76	12.59 13.89	83.93 87.90
25	.043 (1.09) .043 (1.09)	.076 (1.93) .076 (1.93)	.201 (5.11) .201 (5.11)	.024 (.61) .024 (.61)	.062 (1.57) .062 (1.57)	ED05053-ND ED05054-ND	1.65 1.07	12.39 8.00	82.61 53.37
.025" - .037" (.64mm - .94mm) Pin Diameter									
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)	ED05005-ND ED90070-ND	2.59 3.28	19.45 24.61	129.70 164.06
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) .320 (8.13) .320 (8.13) .320 (8.13)	.040 (1.02) .040 (1.02) .040 (1.02) .040 (1.02)	.078 (1.98) .078 (1.98) .078 (1.98) .078 (1.98)	ED05009-ND ED05010-ND ED90074-ND ED90075-ND	2.51 3.59 4.37 4.54	18.65 26.96 32.79 34.10	125.57 179.76 218.59 227.34

Fig.	Mounting Hole Dia. Inch (mm)	Dimensions - Inch (mm)				Digi-Key Part No.	10	Pricing 100 1,000	
.032" - .046" (.81mm - 1.17mm) Pin Diameter									
28	.059 (1.49) .061 (1.54)	.083 (2.11) .083 (2.11) .083 (2.11)	.206 (5.23) .206 (5.23) .206 (5.23)	.072 (1.83) .072 (1.83) .072 (1.83)	.091 (2.31) .091 (2.31) .091 (2.31)	ED90331-ND ED90332-ND ED90333-ND	4.76 4.77 3.59	35.69 35.76 26.89	237.92 238.41 179.26
.032" - .046" (.81mm - 1.17mm) Pin Diameter									
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)	ED05016-ND ED90081-ND ED90044-ND ED90450-ND	2.46 3.36 3.01 5.04	18.49 25.23 168.19 37.77	123.25 168.19 150.35 251.80
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)	ED90083-ND ED90083-ND	5.06 5.06	37.89 37.89	252.62 252.62
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)	ED05021-ND ED90085-ND	4.61 7.13	34.57 53.46	230.48 356.38
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)	ED05017-ND ED90082-ND	2.82 3.73	21.14 28.03	140.93 186.86
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	6.39 11.39	47.93 85.43	319.54 569.51
34	.077 (1.96) .077 (1.96)	— —	.140 (3.56) .140 (3.56)	.064 (1.63) .064 (1.63)	.090 (2.29) .090 (2.29)	ED90281CT-ND ED90281TR-ND	— —	— 866.66/2,000	— —
35	.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)	ED05013-ND ED90078-ND	3.24 5.53	24.29 41.49	161.92 276.58
36	.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)	ED05014-ND ED90079-ND	5.38 6.87	40.32 51.55	268.81 343.66
37	.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)	ED05012-ND ED90077-ND	4.16 5.35	31.18 40.17	207.85 267.82
38	.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)	ED05011-ND ED90076-ND	3.16 4.40	23.69 33.04	157.95 220.24
39	.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)	ED05028-ND ED90088-ND	4.16 5.53	31.23 41.44	208.18 276.25
40	.204 .204	.200 (5.08) .200 (5.08)	.530 (13.46) .530 (13.46)	.105 (2.67) .105 (2.67)	.102 (2.58) .102 (2.58)	ED90322-ND ED90326-ND	9.85 4.35	73.88 32.64	492.52 217.59
41	.082 (2.08) .082 (2.08)	.220 (5.59) .220 (5.59)	.375 (9.52) .375 (9.52)	.030 (0.76) .030 (0.76)	.090 (2.29) .090 (2.29)	ED90325-ND ED90326-ND	— 4.35	— 32.64	— 217.59
.037" - .043" (.94mm - 1.09mm) Pin Diameter									
42	.071 (1.80) .071 (1.80) .071 (1.80) .071 (1.80)	.127 (3.23) .127 (3.23) .147 (3.73) .147 (3.73)	.150 (3.81) .150 (3.81) .170 (4.32) .170 (4.32)	.069 (1.75) .069 (1.75) .069 (1.75) .069 (1.75)	.090 (2.29) .090 (2.29) .090 (2.29) .090 (2.29)	ED05019-ND ED90084-ND ED90447-ND ED90452-ND	2.38 3.00 3.50 4.10	17.87 22.50 26.25 30.71	119.12 150.02 174.97 204.71
43	.071 (1.80) .071 (1.80)	.065 (1.65) .065 (1.65)	.120 (3.05) .120 (3.05)	.069 (1.75) .069 (1.75)	.091 (2.31) .091 (2.31)	ED90446-ND ED90327-ND	3.79 4.82	28.45 36.11	189.67 240.73
44	.070 (1.78) .070 (1.78)	.083 (2.11) .083 (2.11)	.095 (2.41) .095 (2.41)	.068 (1.73) .068 (1.73)	.088 (2.24) .088 (2.24)	ED90327-ND ED90327-ND	4.82 4.82	36.11 36.11	240.73 240.73
.040" - .050" (1.02mm - 1.27mm) Pin Diameter									
45	.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)	ED05024-ND ED90087-ND ED90439-ND ED90440-ND	3.44 5.95 4.54 3.62	25.75 44.61 34.05 27.16	171.66 297.40 227.01 181.08
46	.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)	ED05043-ND ED90086-ND	4.68 6.15	35.07 46.07	233.79 307.14
47	.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	11.65 1990.69/4,500	87.38 —	582.57 —
.040" (1.02									