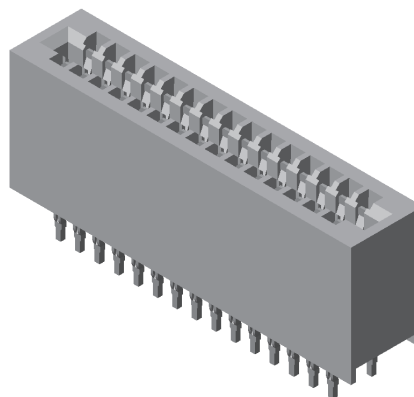




## .100" [2.54 mm] Contact Centers, .550" [13.97 mm] or .610" [15.49 mm] Profile, Press Fit

### SPECIFICATIONS

- UL Flammability Rating: 94V-0
- Designed to meet specifications of Bellcore specification TR-TSY-00078.
- Flat rock installation eliminates the need for any special installation tool.
- Integrally molded scoops available to assist daughter card entry.
- Molded-in key available



### FEATURES

#### COMPLIANT SECTION INSERTION FORCE

40 lbs maximum per contact

#### COMPLIANT SECTION WITHDRAWAL FORCE

10 lbs minimum per contact

#### HOLE SIZE REQUIREMENTS

Drilled Hole Diameter: .0453"  $\pm$  .0010" [1.150 mm  $\pm$  0.025 mm]

Plating: .001" [0.03 mm] to .003" [0.08 mm] Copper and .0003" [0.008 mm] Minimum Tin

#### FINISHED HOLE DIAMETER

.040"  $\pm$  .003" [1.02 mm  $\pm$  0.08 mm]

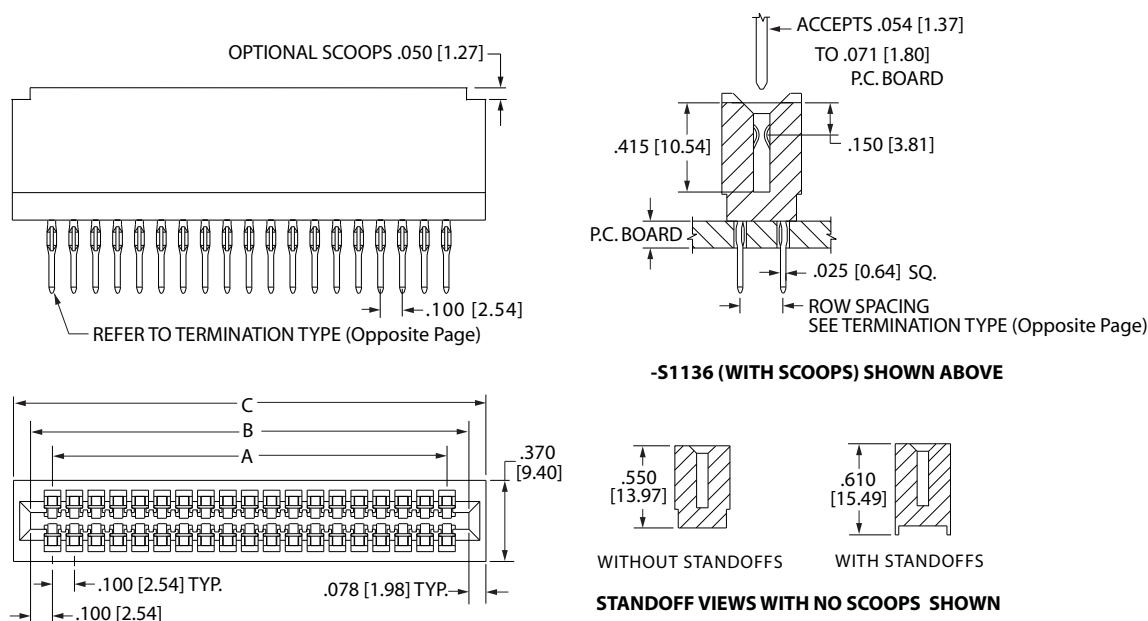
#### SUITABLE FOR .062" [1.57] DAUGHTER CARD

#### RECOMMENDED MOTHERBOARD THICKNESS

.093" to .125" [2.36 mm to 3.18 mm]

#### UL-CUL RECOGNIZED

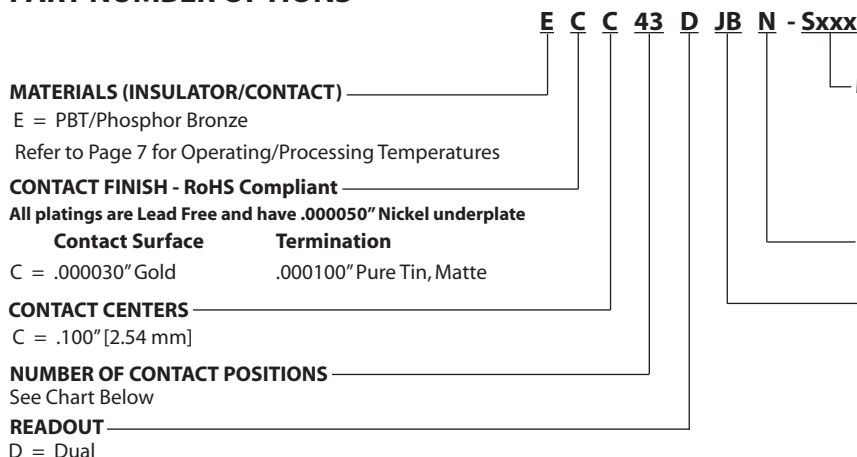
### DIMENSIONS Dimensions in [ ] are in millimeters, all others are in inches.





## .100" [2.54 mm] Contact Centers, .550" [13.97 mm] or .610" [15.49 mm] Profile, Press Fit

### PART NUMBER OPTIONS



| Standoffs | Row Spacing     | Tail Length      |
|-----------|-----------------|------------------|
| JB = No*  | .200" [5.08 mm] | .190" [4.83 mm]  |
| JC = No*  | .200" [5.08 mm] | .625" [15.88 mm] |
| JW = Yes  | .200" [5.08 mm] | .190" [4.83 mm]  |
| JX = Yes  | .200" [5.08 mm] | .565" [14.35 mm] |
| JF = No*  | .100" [2.54 mm] | .190" [4.83 mm]  |
| JG = No*  | .100" [2.54 mm] | .625" [15.88 mm] |
| JY = Yes  | .100" [2.54 mm] | .190" [4.83 mm]  |
| JZ = Yes  | .100" [2.54 mm] | .565" [14.35 mm] |

\* Consult factory for availability.

| POSITIONS/<br>CONTACTS | A±.008[0.20] |       | B±.008[0.20] |       | C±.015[0.38] |       | POSITIONS/<br>CONTACTS | A±.008[0.20] |        | B±.008[0.20] |        | C±.015[0.38] |        |
|------------------------|--------------|-------|--------------|-------|--------------|-------|------------------------|--------------|--------|--------------|--------|--------------|--------|
|                        | in           | mm    | in           | mm    | in           | mm    |                        | in           | mm     | in           | mm     | in           | mm     |
| 05/10                  | 0.400        | 10.16 | 0.600        | 15.24 | 0.756        | 19.20 | 33/66*                 | 3.200        | 81.28  | 3.400        | 86.36  | 3.556        | 90.32  |
| 06/12                  | 0.500        | 12.70 | 0.700        | 17.78 | 0.856        | 21.74 | 34/68                  | 3.300        | 83.82  | 3.500        | 88.90  | 3.656        | 92.86  |
| 07/14                  | 0.600        | 15.24 | 0.800        | 20.32 | 0.956        | 24.28 | 35/70                  | 3.400        | 86.36  | 3.600        | 91.44  | 3.756        | 95.40  |
| 08/16*                 | 0.700        | 17.78 | 0.900        | 22.86 | 1.056        | 26.82 | 36/72                  | 3.500        | 88.90  | 3.700        | 93.98  | 3.856        | 97.94  |
| 09/18*                 | 0.800        | 20.32 | 1.000        | 25.40 | 1.156        | 29.36 | 37/74*                 | 3.600        | 91.44  | 3.800        | 96.52  | 3.956        | 100.48 |
| 10/20                  | 0.900        | 22.86 | 1.100        | 27.94 | 1.256        | 31.90 | 38/76*                 | 3.700        | 93.98  | 3.900        | 99.06  | 4.056        | 103.02 |
| 11/22*                 | 1.000        | 25.40 | 1.200        | 30.48 | 1.356        | 34.44 | 39/78*                 | 3.800        | 96.52  | 4.000        | 101.60 | 4.156        | 105.56 |
| 12/24                  | 1.100        | 27.94 | 1.300        | 33.02 | 1.456        | 36.98 | 40/80                  | 3.900        | 99.06  | 4.100        | 104.14 | 4.256        | 108.10 |
| 13/26                  | 1.200        | 30.48 | 1.400        | 35.56 | 1.556        | 39.52 | 41/82*                 | 4.000        | 101.60 | 4.200        | 106.68 | 4.356        | 110.64 |
| 14/28*                 | 1.300        | 33.02 | 1.500        | 38.10 | 1.656        | 42.06 | 42/84*                 | 4.100        | 104.14 | 4.300        | 109.22 | 4.456        | 113.18 |
| 15/30                  | 1.400        | 35.56 | 1.600        | 40.64 | 1.756        | 44.60 | 43/86                  | 4.200        | 106.68 | 4.400        | 111.76 | 4.556        | 115.72 |
| 16/32                  | 1.500        | 38.10 | 1.700        | 43.18 | 1.856        | 47.14 | 44/88                  | 4.300        | 109.22 | 4.500        | 114.30 | 4.656        | 118.26 |
| 17/34                  | 1.600        | 40.64 | 1.800        | 45.72 | 1.956        | 49.68 | 45/90*                 | 4.400        | 111.76 | 4.600        | 116.84 | 4.756        | 120.80 |
| 18/36                  | 1.700        | 43.18 | 1.900        | 48.26 | 2.056        | 52.22 | 46/92*                 | 4.500        | 114.30 | 4.700        | 119.38 | 4.856        | 123.34 |
| 19/38*                 | 1.800        | 45.72 | 2.000        | 50.80 | 2.156        | 54.76 | 47/94*                 | 4.600        | 116.84 | 4.800        | 121.92 | 4.956        | 125.88 |
| 20/40                  | 1.900        | 48.26 | 2.100        | 53.34 | 2.256        | 57.30 | 48/96*                 | 4.700        | 119.38 | 4.900        | 124.46 | 5.056        | 128.42 |
| 21/42*                 | 2.000        | 50.80 | 2.200        | 55.88 | 2.356        | 59.84 | 49/98*                 | 4.800        | 121.92 | 5.000        | 127.00 | 5.156        | 130.96 |
| 22/44                  | 2.100        | 53.34 | 2.300        | 58.42 | 2.456        | 62.38 | 50/100                 | 4.900        | 124.46 | 5.100        | 129.54 | 5.256        | 133.50 |
| 23/46                  | 2.200        | 55.88 | 2.400        | 60.96 | 2.556        | 64.92 | 51/102*                | 5.000        | 127.00 | 5.200        | 132.08 | 5.356        | 136.04 |
| 24/48                  | 2.300        | 58.42 | 2.500        | 63.50 | 2.656        | 67.46 | 52/104*                | 5.100        | 129.54 | 5.300        | 134.62 | 5.456        | 138.58 |
| 25/50                  | 2.400        | 60.96 | 2.600        | 66.04 | 2.756        | 70.00 | 53/106*                | 5.200        | 132.08 | 5.400        | 137.16 | 5.556        | 141.12 |
| 26/52                  | 2.500        | 63.50 | 2.700        | 68.58 | 2.856        | 72.54 | 54/108*                | 5.300        | 134.62 | 5.500        | 139.70 | 5.656        | 143.66 |
| 27/54*                 | 2.600        | 66.04 | 2.800        | 71.12 | 2.956        | 75.08 | 55/110                 | 5.400        | 137.16 | 5.600        | 142.24 | 5.756        | 146.20 |
| 28/56                  | 2.700        | 68.58 | 2.900        | 73.66 | 3.056        | 77.62 | 56/112*                | 5.500        | 139.70 | 5.700        | 144.78 | 5.856        | 148.74 |
| 29/58*                 | 2.800        | 71.12 | 3.000        | 76.20 | 3.156        | 80.16 | 57/114*                | 5.600        | 142.24 | 5.800        | 147.32 | 5.956        | 151.28 |
| 30/60                  | 2.900        | 73.66 | 3.100        | 78.74 | 3.256        | 82.70 | 58/116*                | 5.700        | 144.78 | 5.900        | 149.86 | 6.056        | 153.82 |
| 31/62                  | 3.000        | 76.20 | 3.200        | 81.28 | 3.356        | 85.24 | 59/118*                | 5.800        | 147.32 | 6.000        | 152.40 | 6.156        | 156.36 |
| 32/64*                 | 3.100        | 78.74 | 3.300        | 83.82 | 3.456        | 87.78 | 60/120                 | 5.900        | 149.86 | 6.100        | 154.94 | 6.256        | 158.90 |

\* Consult factory for availability.