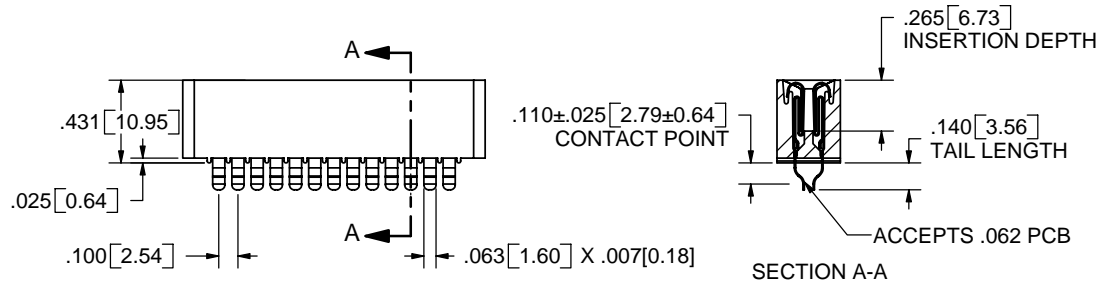
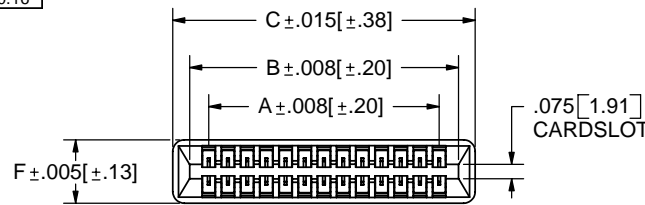
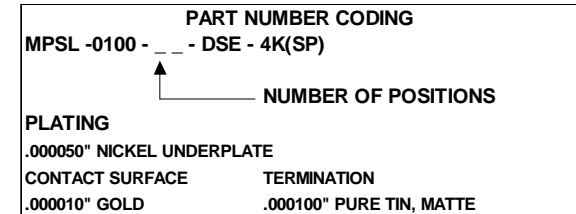
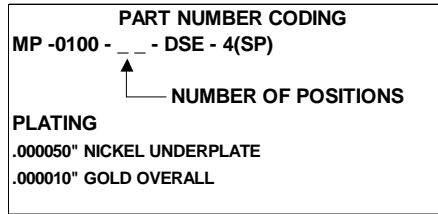
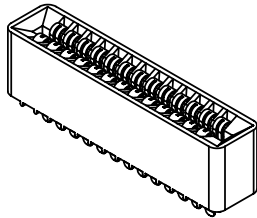


| PART NUMBER | NO. OF POSITION | A | | B | | C | | F | |
|-----------------------|-----------------|-------|--------|-------|--------|-------|--------|-------|-------|
| | | IN | MM | IN | MM | IN | MM | IN | MM |
| MP-0100-04-DSE-4(SP)* | 4 | 0.300 | 7.62 | 0.500 | 12.70 | 0.675 | 17.15 | 0.330 | 8.382 |
| MP-0100-05-DSE-4(SP) | 5 | 0.400 | 10.16 | 0.600 | 15.24 | 0.775 | 19.69 | 0.330 | 8.382 |
| MP-0100-06-DSE-4(SP) | 6 | 0.500 | 12.70 | 0.700 | 17.78 | 0.875 | 22.23 | 0.330 | 8.382 |
| MP-0100-07-DSE-4(SP) | 7 | 0.600 | 15.24 | 0.800 | 20.32 | 0.975 | 24.77 | 0.330 | 8.382 |
| MP-0100-08-DSE-4(SP) | 8 | 0.700 | 17.78 | 0.900 | 22.86 | 1.075 | 27.31 | 0.330 | 8.382 |
| MP-0100-10-DSE-4(SP) | 10 | 0.900 | 22.86 | 1.100 | 27.94 | 1.275 | 32.39 | 0.330 | 8.382 |
| MP-0100-12-DSE-4(SP) | 12 | 1.100 | 27.94 | 1.300 | 33.02 | 1.475 | 37.47 | 0.330 | 8.382 |
| MP-0100-13-DSE-4(SP) | 13 | 1.200 | 30.48 | 1.400 | 35.56 | 1.575 | 40.01 | 0.330 | 8.382 |
| MP-0100-15-DSE-4(SP) | 15 | 1.400 | 35.56 | 1.600 | 40.64 | 1.775 | 45.09 | 0.330 | 8.382 |
| MP-0100-17-DSE-4(SP) | 17 | 1.600 | 40.64 | 1.800 | 45.72 | 1.975 | 50.17 | 0.330 | 8.382 |
| MP-0100-18-DSE-4(SP) | 18 | 1.700 | 43.18 | 1.900 | 48.26 | 2.075 | 52.71 | 0.330 | 8.382 |
| MP-0100-19-DSE-4(SP) | 19 | 1.800 | 45.72 | 2.000 | 50.80 | 2.175 | 55.25 | 0.330 | 8.382 |
| MP-0100-20-DSE-4(SP) | 20 | 1.900 | 48.26 | 2.100 | 53.34 | 2.275 | 57.79 | 0.330 | 8.382 |
| MP-0100-22-DSE-4(SP) | 22 | 2.100 | 53.34 | 2.300 | 58.42 | 2.475 | 62.87 | 0.330 | 8.382 |
| MP-0100-23-DSE-4(SP)* | 23 | 2.200 | 55.88 | 2.400 | 60.96 | 2.575 | 65.41 | 0.330 | 8.382 |
| MP-0100-25-DSE-4(SP) | 25 | 2.400 | 60.96 | 2.600 | 66.04 | 2.775 | 70.49 | 0.330 | 8.382 |
| MP-0100-26-DSE-4(SP) | 26 | 2.500 | 63.50 | 2.700 | 68.58 | 2.875 | 73.03 | 0.330 | 8.382 |
| MP-0100-28-DSE-4(SP) | 28 | 2.700 | 68.58 | 2.900 | 73.66 | 3.075 | 78.11 | 0.330 | 8.382 |
| MP-0100-30-DSE-4(SP) | 30 | 2.900 | 73.66 | 3.100 | 78.74 | 3.275 | 83.19 | 0.330 | 8.382 |
| MP-0100-31-DSE-4(SP) | 31 | 3.000 | 76.20 | 3.200 | 81.28 | 3.375 | 85.73 | 0.330 | 8.382 |
| MP-0100-35-DSE-4(SP) | 35 | 3.400 | 86.36 | 3.600 | 91.44 | 3.775 | 95.89 | 0.400 | 10.16 |
| MP-0100-36-DSE-4(SP) | 36 | 3.500 | 88.90 | 3.700 | 93.98 | 3.875 | 98.43 | 0.400 | 10.16 |
| MP-0100-40-DSE-4(SP) | 40 | 3.900 | 99.06 | 4.100 | 104.14 | 4.275 | 108.59 | 0.400 | 10.16 |
| MP-0100-43-DSE-4(SP) | 43 | 4.200 | 106.68 | 4.400 | 111.76 | 4.575 | 116.21 | 0.400 | 10.16 |
| MP-0100-44-DSE-4(SP) | 44 | 4.300 | 109.22 | 4.500 | 114.30 | 4.675 | 118.75 | 0.400 | 10.16 |
| MP-0100-49-DSE-4(SP) | 49 | 4.800 | 121.92 | 5.000 | 127.00 | 5.175 | 131.45 | 0.400 | 10.16 |
| MP-0100-50-DSE-4(SP) | 50 | 4.900 | 124.46 | 5.100 | 129.54 | 5.275 | 133.99 | 0.400 | 10.16 |
| MP-0100-52-DSE-4(SP)* | 52 | 5.100 | 129.54 | 5.300 | 134.62 | 5.475 | 139.07 | 0.400 | 10.16 |
| MP-0100-60-DSE-4(SP) | 60 | 5.900 | 149.86 | 6.100 | 154.94 | 6.275 | 159.39 | 0.400 | 10.16 |
| MP-0100-65-DSE-4(SP) | 65 | 6.400 | 162.56 | 6.600 | 167.64 | 6.775 | 172.09 | 0.400 | 10.16 |

* INDICATE NO TOOLING FOR THAT PART



REFERENCE: E _ C _ _ DRWN-P13

NOTES:

1. INSULATOR MATERIAL: PBT
2. CONTACT MATERIAL: PHOSPHOR BRONZE
3. PLATING:SEE PART NUMBER CODING
4. TEMPERATURE: -65 °C TO +125 °C
5. PROCESSING TEMP: 260 °C FOR 10 SECONDS MAX
6. UL FLAMMABILITY RATING: 94V-0
7. VOLTAGE RATING: 600 VDC MINIMUM AT SEA LEVEL.
8. CURRENT RATING: 3 AMP PER CONTACT PAIR
9. VOLTAGE DROP: 30 MILLI VOLT AT RATED CURRENT
10. INSULATION RESISTANCE: 5000 MEGA OHM
11. CONNECTOR IDENTIFICATION: THE PART SHALL BE MARKED WITH A PART NUMBER AND BARCODE
12. BOARD THICKNESS ACCOMMODATED: .062 ±.008"
13. BOARD INSERTION FORCE: 16 OZ MAX PER CONTACT PAIR WHEN USING A .062" TEST BLADE. INTERNAL INSPECTION TO BE PER SULLIN'S WORK INSTRUCTION W17.3-01.
14. BOARD WITHDRAWAL FORCE: 1 OUNCE MINIMUM PER CONTACT PAIR USING .062" PCB
15. MODIFICATION: CARD EXTENDER BEND, .140" TAIL LENGTH FOR .062" PCB.



RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES[MM]
 TOLERANCES:
 ANGULAR: ± 1°
 .XX ± .02 [.508]
 .XXX ± .005 [.1270]
 .XXXX ± .0005 [.0127]
 PARENTHEICAL INFORMATION IS FOR REFERENCE ONLY
 INTERPRET DIMENSIONS AND GEOMETRIC TOLERANCING PER: ANSI Y14.5-1984

| DATE | NAME | DESCRIPTION | |
|------------|----------|--------------------------|--|
| 11/09/2005 | HT | CONNECTOR, .100 CC LP | |
| DRAWN | | PART NUMBER | |
| | | MP**-0100-_-_-DSE-4*(SP) | |
| SIZE | DWG. NO. | REV | |
| C | C10613 | A | |
| SCALE: 2:1 | | SHEET 1 OF 1 | |

CUSTOMER COPY