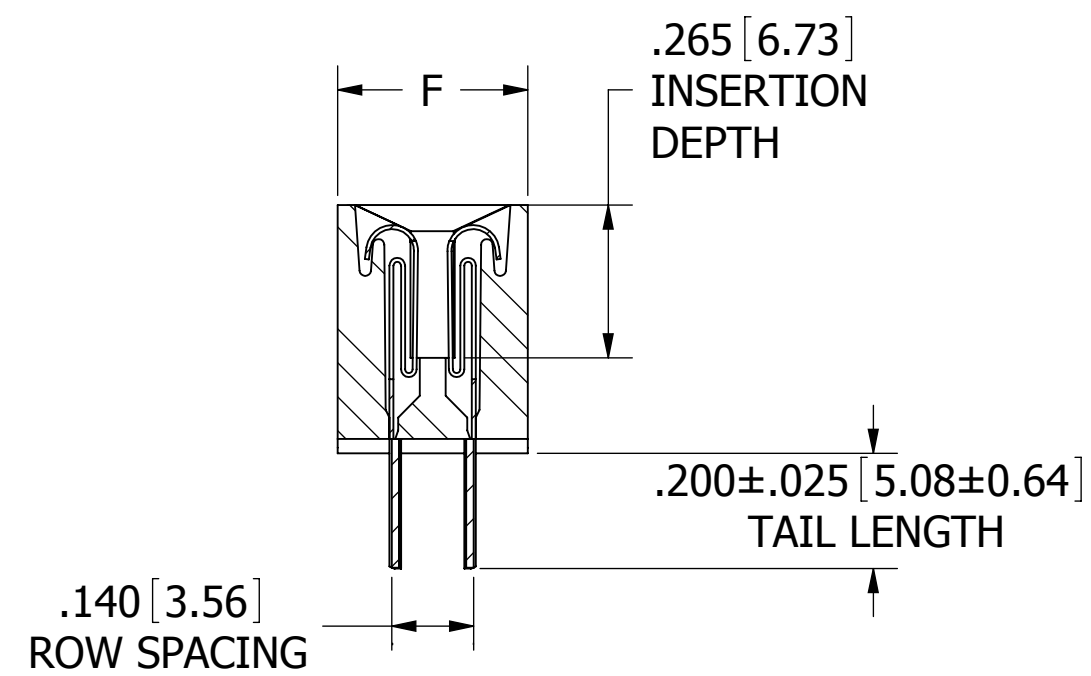
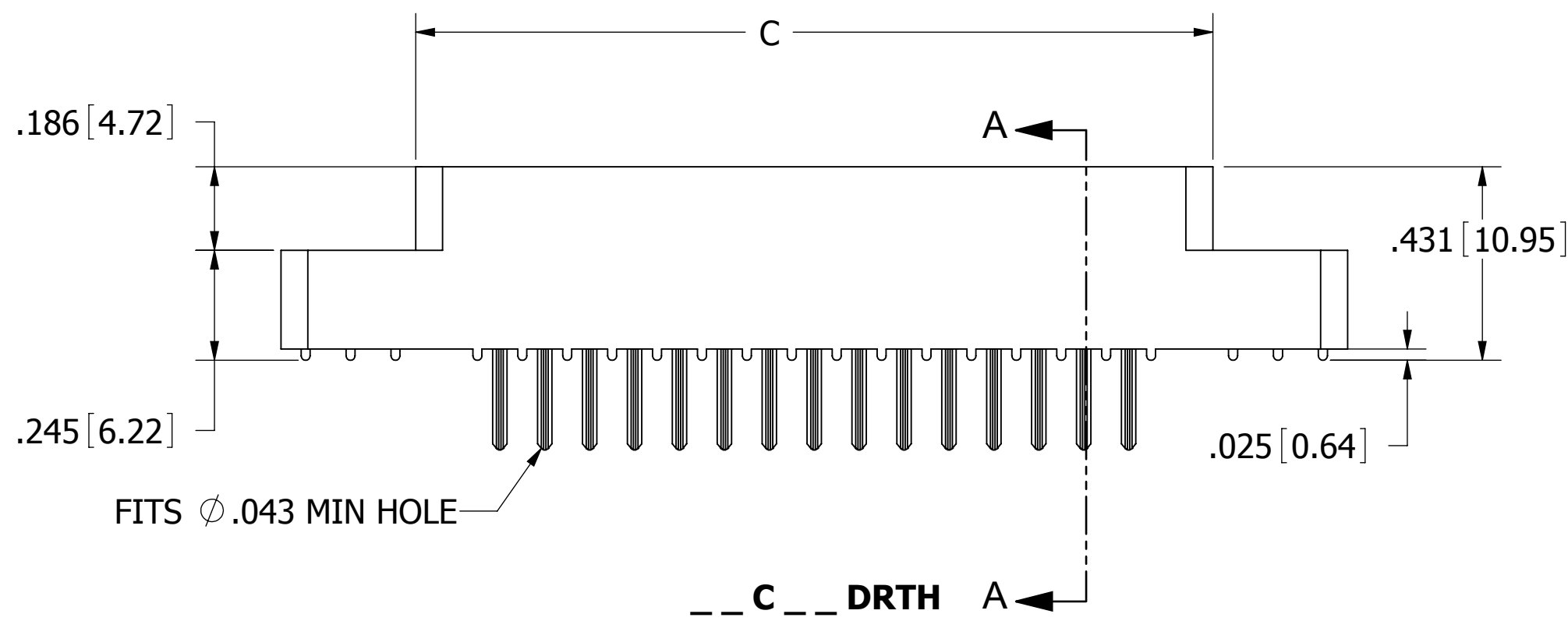
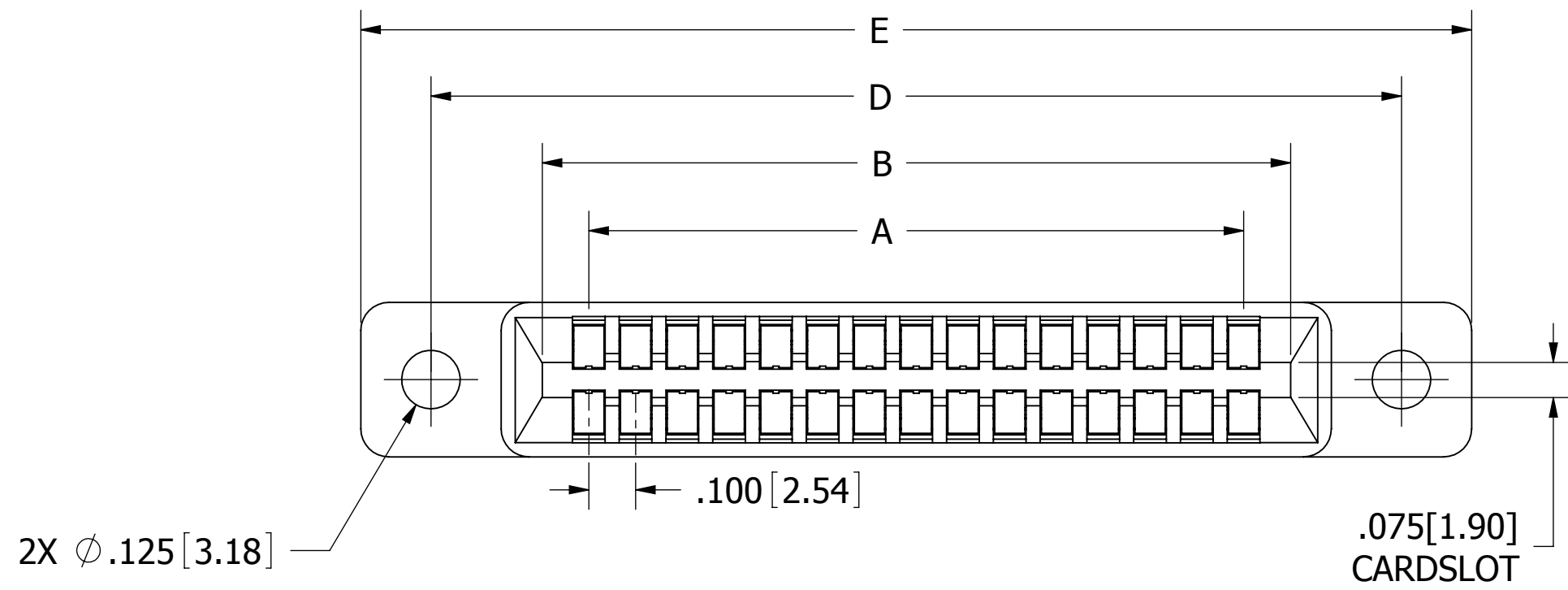
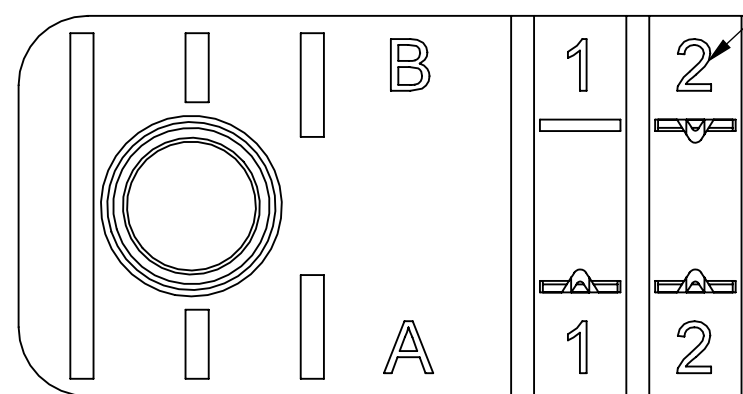


| REVISIONS | | | | |
|-----------|---------|----------------------|----------|-----|
| REV. | ECO. NO | DESCRIPTION | DATE | BY |
| A | 1254 | INITIAL RELEASE | 1-25-07 | MNH |
| B | 2072 | ADD B MOUNTING STYLE | 11/05/09 | JH |



SECTION A - A

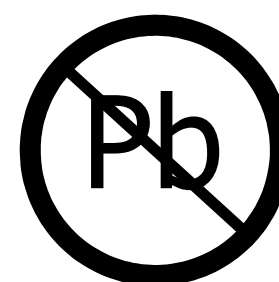
CONTACT MARKINGS
 B 1 2 3 ... 60 B
 A 1 2 3 ... 60 A



**CONTACT ID
SCALE 2:1**

NOTES:

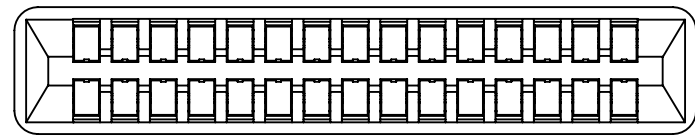
1. INSULATOR MATERIAL: SEE PART NUMBER CODING
2. CONTACT MATERIAL: SEE PART NUMBER CODING
3. PLATING: SEE PART NUMBER CODING
4. OPERATING TEMPERATURE: SEE PART NUMBER CODING
5. PROCESSING TEMP: SEE PART NUMBER CODING
6. UL FLAMMABILITY RATING: 94V-0
7. VOLTAGE RATING: 600 VDC MINIMUM AT SEA LEVEL.
8. 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



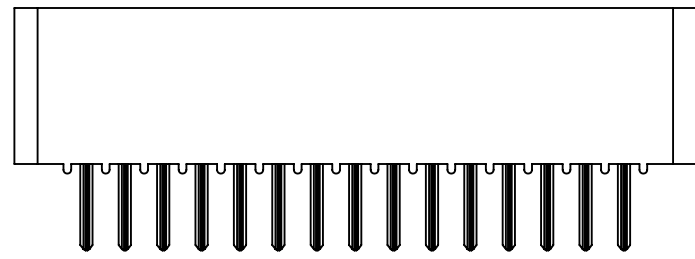
RoHS COMPLIANT

CUSTOMER COPY

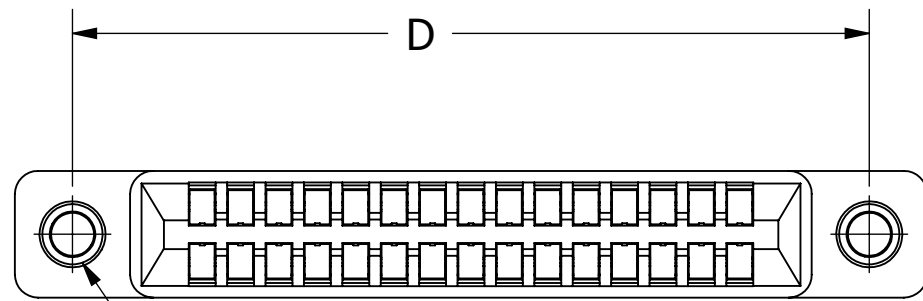
| | | | | |
|---|--|---|---------------------------|-----------------|
| UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES[MM] TOLERANCES: ANGULAR: ± 30' .XX=± .02 [.508] .XXX=± .005 [.1270] .XXXX=± .0005 [.0127] SURFACE FINISH: 63 Rq REMOVE ALL BURRS AND SHARP EDGES .010 MAX | | DATE 1/25/07 | NAME MNH | |
| <small>THE INFORMATION HEREIN CONTAINS PROPRIETARY INFORMATION OF SULLINS ELECTRONICS AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED TO OTHERS FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY AN OFFICER OF SULLINS ELECTRONICS.</small> | | DESCRIPTION EDGE CARD, .100 CC LP | | |
| INTERPRET DIMENSIONS AND GEOMETRIC TOLERANCING PER: ANSI Y14.5M-1994 | | SIZE C | DWG. NO. C10878 | REV B |
| SCALE: 2:1 | | SHEET 1 OF 3 | | |



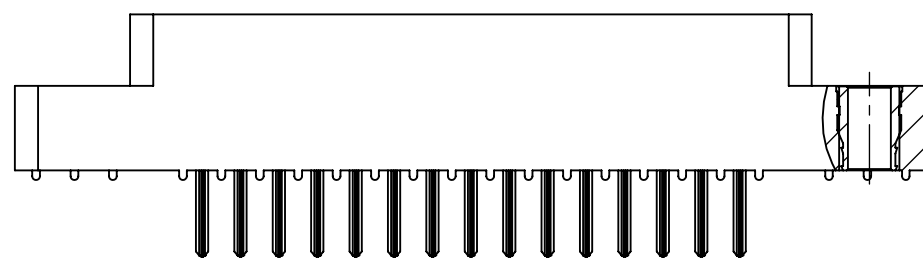
C



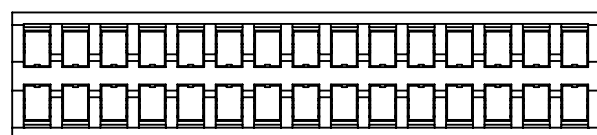
__ C __ DRTN



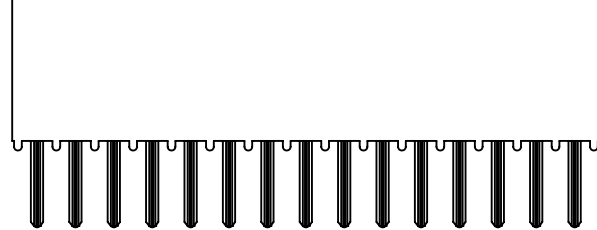
2X #4-40 THREADED INSERTS



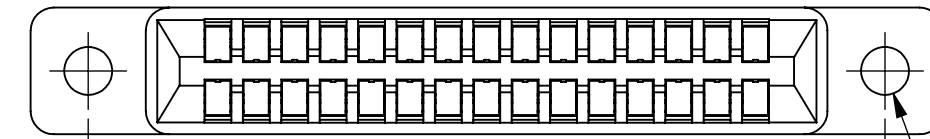
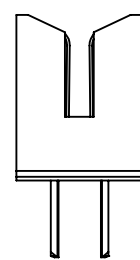
__ C __ DRTI



LENGTH = C DIM - .245



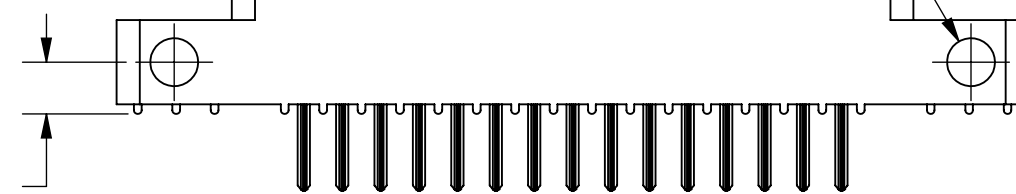
__ C __ DRTB



D

2X Ø .125 [3.18]

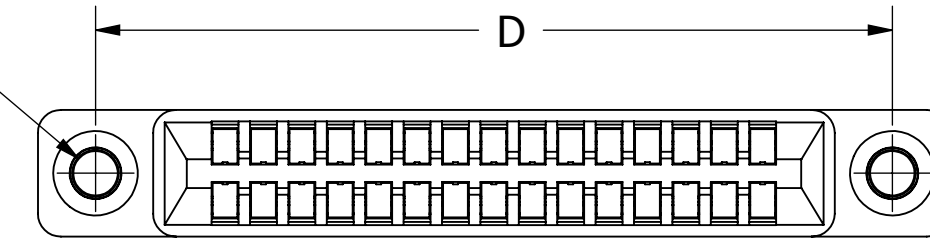
2X Ø .125 [3.18]



.135 [3.43]

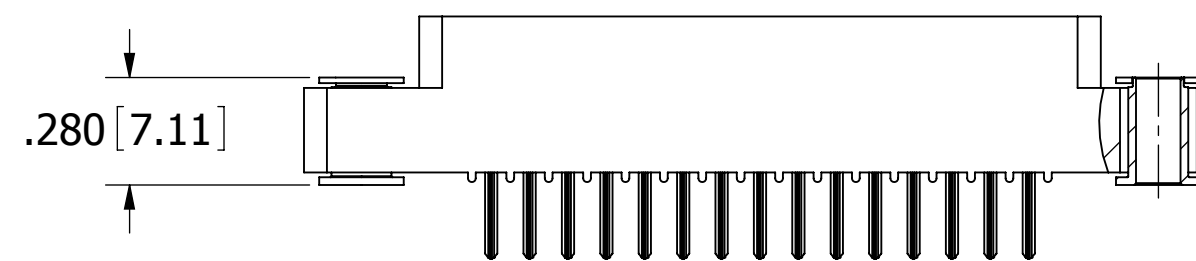
__ C __ DRTS

2X FLOATING BOBBIN
Ø .116 [2.95]
CLEARANCE FOR
4 SCREW



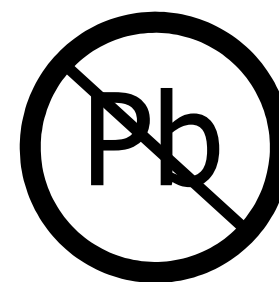
D

.280 [7.11]



__ C __ DRTF

CUSTOMER COPY



RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES[MM]
TOLERANCES:
ANGULAR: ± 30'
.XX=± .02 [.508]
.XXX=± .005 [.1270]
.XXXX=± .0005 [.0127]
SURFACE FINISH: 63 Rq
REMOVE ALL BURRS AND SHARP EDGES .010 MAX
INTERPRET DIMENSIONS AND GEOMETRIC TOLERANCING PER: ANSI Y14.5M-1994

| | | |
|-------|---------|------|
| DRAWN | DATE | NAME |
| | 1/25/07 | MNH |

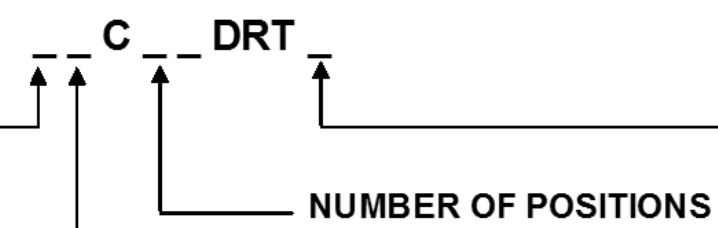
THE INFORMATION HEREIN CONTAINS PROPRIETARY INFORMATION OF SULLINS ELECTRONICS AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED TO OTHERS FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY AN OFFICER OF SULLINS ELECTRONICS.

| | |
|--------------------------------------|---------------------------|
| | |
| DESCRIPTION EDGE CARD, .100 CC LP | |
| PART NUMBER __ C __ DRT__ | |
| SIZE C | DWG. NO. C10878 |
| SCALE: 2:1 | REV B |
| SHEET 2 OF 3 | |

| PART NUMBER | NO. OF POS. | A±.008[0.20] | | B±.008[0.20] | | C±.015[0.38] | | D±.010[0.25] | | E±.020[0.51] | | F±.005[0.13] | |
|-------------|-------------|--------------|--------|--------------|--------|--------------|--------|--------------|--------|--------------|--------|--------------|------|
| | | IN | MM | IN | MM | IN | MM | IN | MM | IN | MM | IN | MM |
| C04DRT * | 4 | 0.300 | 7.62 | 0.500 | 12.70 | 0.675 | 17.15 | 0.975 | 24.77 | 1.275 | 32.39 | 0.330 | 8.38 |
| C05DRT | 5 | 0.400 | 10.16 | 0.600 | 15.24 | 0.775 | 19.69 | 1.075 | 27.31 | 1.375 | 34.93 | | |
| C06DRT | 6 | 0.500 | 12.70 | 0.700 | 17.78 | 0.875 | 22.23 | 1.175 | 29.85 | 1.475 | 37.47 | | |
| C07DRT | 7 | 0.600 | 15.24 | 0.800 | 20.32 | 0.975 | 24.77 | 1.275 | 32.39 | 1.575 | 40.01 | | |
| C08DRT | 8 | 0.700 | 17.78 | 0.900 | 22.86 | 1.075 | 27.31 | 1.375 | 34.93 | 1.675 | 42.55 | | |
| C10DRT | 10 | 0.900 | 22.86 | 1.100 | 27.94 | 1.275 | 32.39 | 1.575 | 40.01 | 1.875 | 47.63 | | |
| C12DRT | 12 | 1.100 | 27.94 | 1.300 | 33.02 | 1.475 | 37.47 | 1.775 | 45.09 | 2.075 | 52.71 | | |
| C13DRT | 13 | 1.200 | 30.48 | 1.400 | 35.56 | 1.575 | 40.01 | 1.875 | 47.63 | 2.175 | 55.25 | | |
| C15DRT | 15 | 1.400 | 35.56 | 1.600 | 40.64 | 1.775 | 45.09 | 2.075 | 52.71 | 2.375 | 60.33 | | |
| C17DRT | 17 | 1.600 | 40.64 | 1.800 | 45.72 | 1.975 | 50.17 | 2.275 | 57.79 | 2.575 | 65.41 | | |
| C18DRT | 18 | 1.700 | 43.18 | 1.900 | 48.26 | 2.075 | 52.71 | 2.375 | 60.33 | 2.675 | 67.95 | | |
| C19DRT | 19 | 1.800 | 45.72 | 2.000 | 50.80 | 2.175 | 55.25 | 2.475 | 62.87 | 2.775 | 70.49 | | |
| C20DRT | 20 | 1.900 | 48.26 | 2.100 | 53.34 | 2.275 | 57.79 | 2.575 | 65.41 | 2.875 | 73.03 | | |
| C22DRT | 22 | 2.100 | 53.34 | 2.300 | 58.42 | 2.475 | 62.87 | 2.775 | 70.49 | 3.075 | 78.11 | | |
| C23DRT * | 23 | 2.200 | 55.88 | 2.400 | 60.96 | 2.575 | 65.41 | 2.875 | 73.03 | 3.175 | 80.65 | | |
| C25DRT | 25 | 2.400 | 60.96 | 2.600 | 66.04 | 2.775 | 70.49 | 3.075 | 78.11 | 3.375 | 85.73 | | |
| C26DRT | 26 | 2.500 | 63.50 | 2.700 | 68.58 | 2.875 | 73.03 | 3.175 | 80.65 | 3.475 | 88.27 | | |
| C28DRT | 28 | 2.700 | 68.58 | 2.900 | 73.66 | 3.075 | 78.11 | 3.375 | 85.73 | 3.675 | 93.35 | | |
| C30DRT | 30 | 2.900 | 73.66 | 3.100 | 78.74 | 3.275 | 83.19 | 3.575 | 90.81 | 3.875 | 98.43 | | |
| C31DRT | 31 | 3.000 | 76.20 | 3.200 | 81.28 | 3.375 | 85.73 | 3.675 | 93.35 | 3.975 | 100.97 | | |
| C35DRT | 35 | 3.400 | 86.36 | 3.600 | 91.44 | 3.775 | 95.89 | 4.075 | 103.51 | 4.375 | 111.13 | | |
| C36DRT | 36 | 3.500 | 88.90 | 3.700 | 93.98 | 3.875 | 98.43 | 4.175 | 106.05 | 4.475 | 113.67 | | |
| C40DRT | 40 | 3.900 | 99.06 | 4.100 | 104.14 | 4.275 | 108.59 | 4.575 | 116.21 | 4.875 | 123.83 | | |
| C43DRT | 43 | 4.200 | 106.68 | 4.400 | 111.76 | 4.575 | 116.21 | 4.875 | 123.83 | 5.175 | 131.45 | | |
| C44DRT | 44 | 4.300 | 109.22 | 4.500 | 114.30 | 4.675 | 118.75 | 4.975 | 126.37 | 5.275 | 133.99 | | |
| C49DRT | 49 | 4.800 | 121.92 | 5.000 | 127.00 | 5.175 | 131.45 | 5.475 | 139.07 | 5.775 | 146.69 | | |
| C50DRT | 50 | 4.900 | 124.46 | 5.100 | 129.54 | 5.275 | 133.99 | 5.575 | 141.61 | 5.875 | 149.23 | | |
| C52DRT * | 52 | 5.100 | 129.54 | 5.300 | 134.62 | 5.475 | 139.07 | 5.775 | 146.69 | 6.075 | 154.31 | | |
| C60DRT | 60 | 5.900 | 149.86 | 6.100 | 154.94 | 6.275 | 159.39 | 6.575 | 167.01 | 6.875 | 174.63 | | |
| C65DRT | 65 | 6.400 | 162.56 | 6.600 | 167.64 | 6.775 | 172.09 | 7.075 | 179.71 | 7.375 | 187.33 | | |

* CONSULT FACTORY FOR AVAILABILITY

PART NUMBER CODING



- MATERIAL (INSULATOR/CONTACT)**
- E=PBT/PHOSPHOR BRONZE**
OPERATING TEMP: -65°C TO +125°C
PROCESSING TEMP: 260°C FOR 10 SECS MAX
 - R=PPS/PHOSPHOR BRONZE**
OPERATING TEMP: -65°C TO +125°C
 - G=PA9T/PHOSPHOR BRONZE**
OPERATING TEMP: -65°C TO +125°C
PROCESSING TEMP: 260°C FOR 120 SECS MAX
PROCESSING TEMP: 260°C FOR 120 SECS MAX
 - H=PBT/BERYLLIUM COPPER**
OPERATING TEMP: -65°C TO +125°C
PROCESSING TEMP: 260°C FOR 10 SECS MAX
 - A=PPS/BERYLLIUM COPPER**
OPERATING TEMP: -65°C TO +150°C
PROCESSING TEMP: 260°C FOR 120 SECS MAX
 - J=PA9T/BERYLLIUM COPPER**
OPERATING TEMP: -65°C TO +150°C
PROCESSING TEMP: 260°C FOR 120 SECS MAX
 - F=PPS/SPINODAL (CONSULT FACTORY)**
OPERATING TEMP: -65°C TO +200°C
 - C=PPS/BERYLLIUM NICKEL (CONSULT FACTORY)**
OPERATING TEMP: -65°C TO +200°C
PROCESSING TEMP: 260°C FOR 120 SECS MAX
 - W=PEEK/BERYLLIUM NICKEL (CONSULT FACTORY)**
OPERATING TEMP: -65°C TO +250°C

PLATING

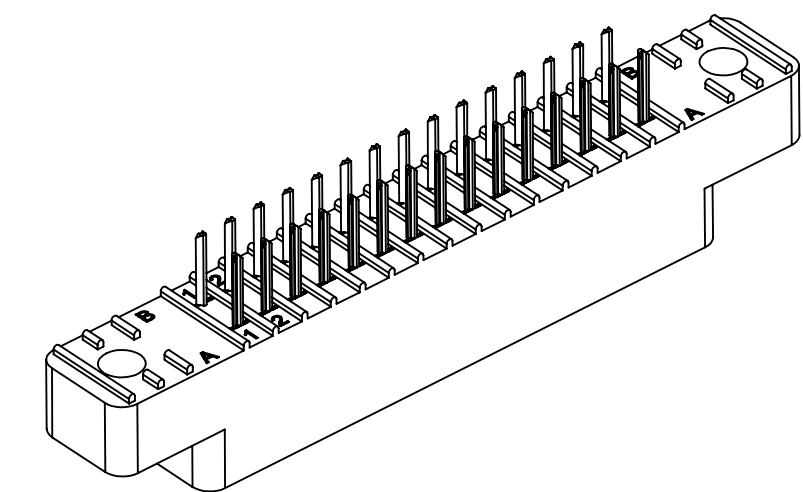
- ALL PLATINGS HAVE .000050" NICKEL UNDERPLATE
- | | |
|--------------------------------|--------------------------|
| CONTACT SURFACE | TERMINATION |
| G = .000010" GOLD | .000005" GOLD |
| Y = .000030" GOLD | .000005" GOLD |
| B = .000010" GOLD | .000100" PURE TIN, MATTE |
| C = .000030" GOLD | .000100" PURE TIN, MATTE |
| **E = .000100" PURE TIN, MATTE | OVERALL |
| S = .000010" GOLD OVERALL | |
| M = .000030" GOLD | .000010" GOLD OVERALL |

LEAD FREE

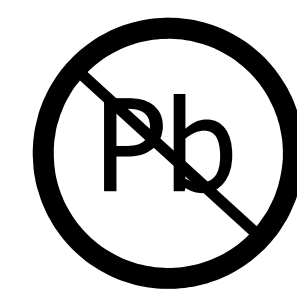
**ONLY AVAILABLE ON MATERIAL CODES E, R AND G

MOUNTING STYLE

- H = .125" DIA. CLEARANCE HOLES (PAGE 1)
- I = #4-40 THREADED INSERT (PAGE 2)
- S = .125" DIA. SIDE MOUNTING (PAGE 2)
- N = NO MOUNTING EARS (PAGE 2)
- F = FLOATING BOBBIN (PAGE 2)
- B = OPEN CARDSLOT (PAGE 2)



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RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES[MM]
TOLERANCES:
ANGULAR: ± 30'
SULLINS ELECTRONICS AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED TO OTHERS FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY AN OFFICER OF SULLINS ELECTRONICS.
SURFACE FINISH: 63 Rq
REMOVE ALL BURRS AND SHARP EDGES .010 MAX
INTERPRET DIMENSIONS AND GEOMETRIC TOLERANCING PER: ANSI Y14.5M-1994

| | | | |
|---|----------|--------------|-----------------------|
| DRAWN | DATE | NAME | |
| | 1/25/07 | MNH | |
| <small>THE INFORMATION HEREIN CONTAINS PROPRIETARY INFORMATION OF SULLINS ELECTRONICS AND IS NOT TO BE REPRODUCED, USED OR DISCLOSED TO OTHERS FOR ANY PURPOSE EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY AN OFFICER OF SULLINS ELECTRONICS.</small> | | | DESCRIPTION |
| | | | EDGE CARD, .100 CC LP |
| PART NUMBER | | | |
| C10878 | | | |
| SIZE | DWG. NO. | REV | |
| C | C10878 | B | |
| SCALE: 2:1 | | SHEET 3 OF 3 | |