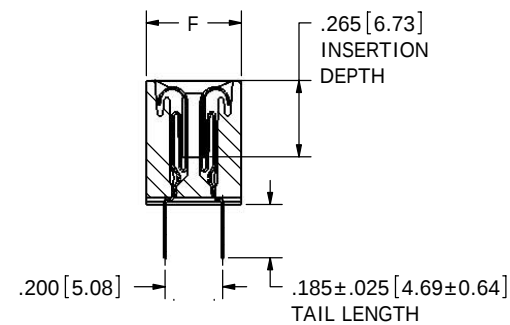
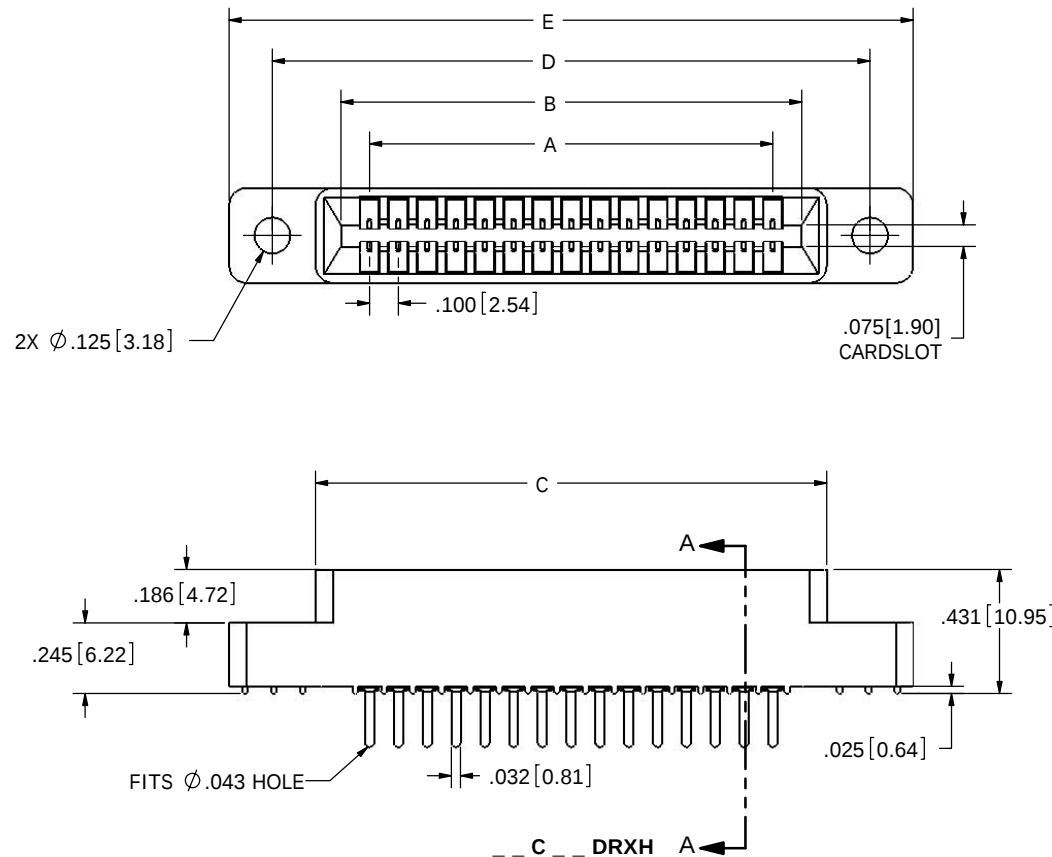
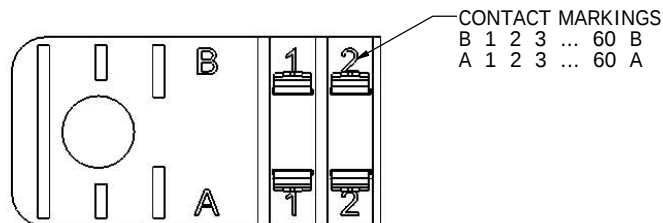


| REVISIONS |         |                 |           |     |
|-----------|---------|-----------------|-----------|-----|
| REV.      | ECO. NO | DESCRIPTION     | DATE      | BY  |
| A         | 1257    | INITIAL RELEASE | 1/30/2007 | MNH |



**SECTION A - 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

UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN INCHES[MM]  
TOLERANCES:  
ANGULAR:  $\pm 1^\circ$   
.XX= $\pm .02$  [.508]  
.XXX= $\pm .005$  [.1270]  
.XXXX= $\pm .0005$  [.0127]  
PARENTHETICAL INFORMATION IS FOR

INTERPRET DIMENSIONS AND GEOMETRIC  
TOLERANCING  
PER: ANSI Y14.5-1984

|                                                                                                                                                                                                                                                               |  |                                      |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------|--------------|
| DATE                                                                                                                                                                                                                                                          |  | NAME                                 |              |
| DRAWN 01-30-07                                                                                                                                                                                                                                                |  | MNH                                  |              |
| THE INFORMATION HEREIN CONTAINS<br>NECESSARY INFORMATION OF<br>SULLINS ELECTRONICS AND IS NOT<br>TO BE REPRODUCED, USED OR<br>DISCLOSED TO OTHERS FOR ANY<br>PURPOSE EXCEPT AS SPECIFICALLY<br>AUTHORIZED IN WRITING BY AN<br>OFFICER OF SULLINS ELECTRONICS. |  |                                      |              |
|                                                                                                                                                                          |  | <b>SULLINS</b><br><b>ELECTRONICS</b> |              |
|                                                                                                                                                                                                                                                               |  | DESCRIPTION                          |              |
|                                                                                                                                                                                                                                                               |  | CONNECTOR, .100 CC LP                |              |
|                                                                                                                                                                                                                                                               |  | PART NUMBER                          |              |
|                                                                                                                                                                                                                                                               |  | - C - DRX -                          |              |
| SIZE                                                                                                                                                                                                                                                          |  | DWG. NO.                             | REV          |
|                                                                                                                                                                                                                                                               |  | C10881                               | A            |
| SCALE: 2:1                                                                                                                                                                                                                                                    |  |                                      | SHEET 1 OF 3 |

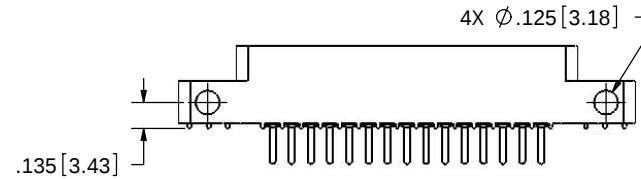
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-- C -- DRXN

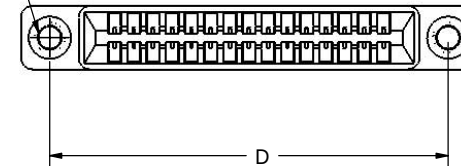


-- C -- DRXI



-- C -- DRXS

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



-- C -- DRXF

## CUSTOMER COPY



RoHS COMPLIANT

|                                                                                                                                                                                                                                                                                                          |  |                                      |             |                                |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------|-------------|--------------------------------|--|
| UNLESS OTHERWISE SPECIFIED:<br>DIMENSIONS ARE IN INCHES[MM]<br>TOLERANCES:<br>ANGULAR: ± 1°<br>XX= ± .02 [.508]<br>.XXX= ± .005 [.127]<br>.XXXX= ± .0005 [.0127]<br>PARENTHEetical INFORMATION IS FOR<br>REFERENCE ONLY<br><br>INTERPRET DIMENSIONS AND GEOMETRIC<br>TOLERANCING<br>PER: ANSI Y14.5-1984 |  | DATE<br>01-30-07                     | NAME<br>MNH | <b>SULLINS<br/>ELECTRONICS</b> |  |
| THE INFORMATION HEREIN CONTAINS<br>PROPRIETARY INFORMATION OF<br>SULLINS ELECTRONICS AND IS NOT<br>TO BE REPRODUCED, USED OR<br>DISCLOSED TO OTHERS FOR ANY<br>PURPOSE EXCEPT AS SPECIFICALLY<br>AUTHORIZED IN WRITING BY AN<br>OFFICER OF SULLINS ELECTRONICS.                                          |  | DESCRIPTION<br>CONNECTOR, .100 CC LP |             | PART NUMBER                    |  |
| SIZE<br><b>C</b>                                                                                                                                                                                                                                                                                         |  | DWG. NO.<br>C10881                   |             | REV<br>A                       |  |
| SCALE: 2:1                                                                                                                                                                                                                                                                                               |  | SHEET 2 OF 3                         |             |                                |  |

| PART<br>NUMBER | NO. OF<br>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    |
| C04DRX *       | 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  |
| C05DRX         | 5              | 0.400         | 10.16  | 0.600         | 15.24  | 0.775         | 19.69  | 1.075         | 27.31  | 1.375         | 34.93  |               |       |
| C06DRX         | 6              | 0.500         | 12.70  | 0.700         | 17.78  | 0.875         | 22.23  | 1.175         | 29.85  | 1.475         | 37.47  |               |       |
| C07DRX         | 7              | 0.600         | 15.24  | 0.800         | 20.32  | 0.975         | 24.77  | 1.275         | 32.39  | 1.575         | 40.01  |               |       |
| C08DRX         | 8              | 0.700         | 17.78  | 0.900         | 22.86  | 1.075         | 27.31  | 1.375         | 34.93  | 1.675         | 42.55  |               |       |
| C10DRX         | 10             | 0.900         | 22.86  | 1.100         | 27.94  | 1.275         | 32.39  | 1.575         | 40.01  | 1.875         | 47.63  |               |       |
| C12DRX         | 12             | 1.100         | 27.94  | 1.300         | 33.02  | 1.475         | 37.47  | 1.775         | 45.09  | 2.075         | 52.71  |               |       |
| C13DRX         | 13             | 1.200         | 30.48  | 1.400         | 35.56  | 1.575         | 40.01  | 1.875         | 47.63  | 2.175         | 55.25  |               |       |
| C15DRX         | 15             | 1.400         | 35.56  | 1.600         | 40.64  | 1.775         | 45.09  | 2.075         | 52.71  | 2.375         | 60.33  |               |       |
| C17DRX         | 17             | 1.600         | 40.64  | 1.800         | 45.72  | 1.975         | 50.17  | 2.275         | 57.79  | 2.575         | 65.41  |               |       |
| C18DRX         | 18             | 1.700         | 43.18  | 1.900         | 48.26  | 2.075         | 52.71  | 2.375         | 60.33  | 2.675         | 67.95  |               |       |
| C19DRX         | 19             | 1.800         | 45.72  | 2.000         | 50.80  | 2.175         | 55.25  | 2.475         | 62.87  | 2.775         | 70.49  |               |       |
| C20DRX         | 20             | 1.900         | 48.26  | 2.100         | 53.34  | 2.275         | 57.79  | 2.575         | 65.41  | 2.875         | 73.03  |               |       |
| C22DRX         | 22             | 2.100         | 53.34  | 2.300         | 58.42  | 2.475         | 62.87  | 2.775         | 70.49  | 3.075         | 78.11  |               |       |
| C23DRX *       | 23             | 2.200         | 55.88  | 2.400         | 60.96  | 2.575         | 65.41  | 2.875         | 73.03  | 3.175         | 80.65  |               |       |
| C25DRX         | 25             | 2.400         | 60.96  | 2.600         | 66.04  | 2.775         | 70.49  | 3.075         | 78.11  | 3.375         | 85.73  |               |       |
| C26DRX         | 26             | 2.500         | 63.50  | 2.700         | 68.58  | 2.875         | 73.03  | 3.175         | 80.65  | 3.475         | 88.27  |               |       |
| C28DRX         | 28             | 2.700         | 68.58  | 2.900         | 73.66  | 3.075         | 78.11  | 3.375         | 85.73  | 3.675         | 93.35  |               |       |
| C30DRX         | 30             | 2.900         | 73.66  | 3.100         | 78.74  | 3.275         | 83.19  | 3.575         | 90.81  | 3.875         | 98.43  |               |       |
| C31DRX         | 31             | 3.000         | 76.20  | 3.200         | 81.28  | 3.375         | 85.73  | 3.675         | 93.35  | 3.975         | 100.97 |               |       |
| C35DRX         | 35             | 3.400         | 86.36  | 3.600         | 91.44  | 3.775         | 95.89  | 4.075         | 103.51 | 4.375         | 111.13 | 0.400         | 10.16 |
| C36DRX         | 36             | 3.500         | 88.90  | 3.700         | 93.98  | 3.875         | 98.43  | 4.175         | 106.05 | 4.475         | 113.67 |               |       |
| C40DRX         | 40             | 3.900         | 99.06  | 4.100         | 104.14 | 4.275         | 108.59 | 4.575         | 116.21 | 4.875         | 123.83 |               |       |
| C43DRX         | 43             | 4.200         | 106.68 | 4.400         | 111.76 | 4.575         | 116.21 | 4.875         | 123.83 | 5.175         | 131.45 |               |       |
| C44DRX         | 44             | 4.300         | 109.22 | 4.500         | 114.30 | 4.675         | 118.75 | 4.975         | 126.37 | 5.275         | 133.99 |               |       |
| C49DRX         | 49             | 4.800         | 121.92 | 5.000         | 127.00 | 5.175         | 131.45 | 5.475         | 139.07 | 5.775         | 146.69 |               |       |
| C50DRX         | 50             | 4.900         | 124.46 | 5.100         | 129.54 | 5.275         | 133.99 | 5.575         | 141.61 | 5.875         | 149.23 |               |       |
| C52DRX *       | 52             | 5.100         | 129.54 | 5.300         | 134.62 | 5.475         | 139.07 | 5.775         | 146.69 | 6.075         | 154.31 |               |       |
| C60DRX         | 60             | 5.900         | 149.86 | 6.100         | 154.94 | 6.275         | 159.39 | 6.575         | 167.01 | 6.875         | 174.63 |               |       |
| C65DRX         | 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  
PROCESSING TEMP: 260°C FOR 120 SECS MAX

G = PA9T/PHOSPHOR BRONZE

OPERATING TEMP: -65°C TO +125°C  
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  
PROCESSING TEMP: 260°C FOR 120 SECS MAX  
AVAILABLE IN OVERALL GOLD ONLY (S OR M PLATING CODE)

C = PPS/BERYLLIUM NICKEL (CONSULT FACTORY)

OPERATING TEMP: -65°C TO +200°C  
PROCESSING TEMP: 260°C FOR 120 SECS MAX  
AVAILABLE IN OVERALL GOLD ONLY (S OR M PLATING CODE)

W = PEEK/BERYLLIUM NICKEL (CONSULT FACTORY)

OPERATING TEMP: -65°C TO +250°C  
AVAILABLE IN OVERALL GOLD ONLY (S OR M PLATING CODE)

C - DRX

NUMBER OF POSITIONS:  
(CONTACTS PER ROW)

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

\*\* OVERALL TIN ONLY AVAILABLE ON MATERIAL CODES E, R AND G

ALL PLATINGS ARE LEAD FREE

MOUNTING STYLE

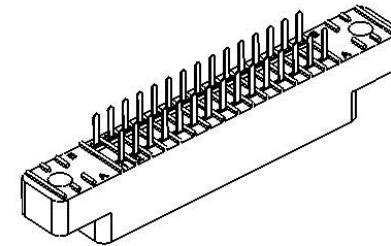
H = .125" DIA. CLEARANCE HOLES (PAGE 1)

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)



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|                                                                                                                                                                                                                                                                 |                    |                                      |             |                               |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------------|-------------|-------------------------------|--|
| UNLESS OTHERWISE SPECIFIED:<br>DIMENSIONS ARE IN INCHES[MM]<br>TOLERANCES:<br>ANGULAR: ± 1°<br>XX=± .02 [.508]<br>.XXX=± .005 [.1270]<br>.XXXX=± .0005 [.0127]<br>PARENTHEetical INFORMATION IS FOR<br>REFERENCE ONLY                                           |                    | DATE<br>01-30-07                     | NAME<br>MNH | SULLINS<br>ELECTRONICS        |  |
| THE INFORMATION HEREIN CONTAINS<br>PROPRIETARY INFORMATION OF<br>SULLINS ELECTRONICS AND IS NOT<br>TO BE REPRODUCED, USED OR<br>DISCLOSED TO OTHERS FOR ANY<br>PURPOSE EXCEPT AS SPECIFICALLY<br>AUTHORIZED IN WRITING BY AN<br>OFFICER OF SULLINS ELECTRONICS. |                    | DESCRIPTION<br>CONNECTOR, .100 CC LP |             | PART NUMBER<br>-- C -- DRX -- |  |
| SIZE<br>C                                                                                                                                                                                                                                                       | DWG. NO.<br>C10881 | REV<br>A                             | SCALE: 2:1  |                               |  |
| INTERPRET DIMENSIONS AND GEOMETRIC<br>TOLERANCING<br>PER: ANSI Y14.5-1984                                                                                                                                                                                       |                    | SHEET 3 OF 3                         |             |                               |  |