

| REVISIONS |         |                 |           |     |
|-----------|---------|-----------------|-----------|-----|
| REV.      | ECO. NO | DESCRIPTION     | DATE      | BY  |
| A         | 1255    | INITIAL RELEASE | 1/24/2007 | MNH |



- NOTES:
- INSULATOR MATERIAL: SEE PART NUMBER CODING
  - CONTACT MATERIAL: SEE PART NUMBER CODING
  - PLATING: SEE PART NUMBER CODING
  - OPERATING TEMPERATURE: SEE PART NUMBER CODING
  - PROCESSING TEMP: SEE PART NUMBER CODING
  - UL FLAMMABILITY RATING: 94V-0
  - VOLTAGE RATING: 600 VDC MINIMUM AT SEA LEVEL.
  - CURRENT RATING: 3 AMP PER CONTACT PAIR
  - VOLTAGE DROP: 30 MILLI VOLT AT RATED CURRENT
  - INSULATION RESISTANCE: 5000 MEGA OHM
  - CONNECTOR IDENTIFICATION: THE PART SHALL BE MARKED WITH A PART NUMBER AND BARCODE
  - BOARD THICKNESS ACCOMMODATED: .062 ± .008"
  - 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.
  - BOARD WITHDRAWAL FORCE: 1 OUNCE MINIMUM PER CONTACT PAIR USING .062" PCB

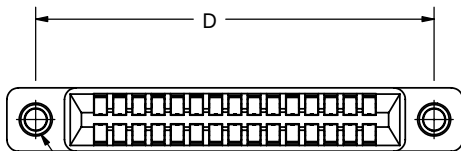


# CUSTOMER COPY

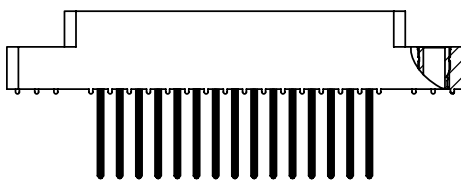
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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------|------|
| UNLESS OTHERWISE SPECIFIED:<br>DIMENSIONS ARE IN INCHES[MM]                                                                                                                                                                                |  | DATE                                                                                                                        | NAME |
| TOLERANCES:<br>ANGULAR: ± 1°<br>.XX= ± .02 [508]<br>.XXX= ± .005 [1270]<br>.XXXX= ± .0005 [0127]<br>PARENTHEetical INFORMATION IS FOR REFERENCE ONLY                                                                                       |  | DRAWN                                                                                                                       | 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. |  | <b>SULLINS ELECTRONICS</b><br>DESCRIPTION<br>EDGE CARD, .100 CC LP<br>PART NUMBER<br>C DRY<br>SIZE DWG. NO. C10879<br>REV A |      |
| INTERPRET DIMENSIONS AND GEOMETRIC TOLERANCING PER: ANSI Y14.5-1984                                                                                                                                                                        |  | SCALE: 2:1<br>SHEET 1 OF 3                                                                                                  |      |



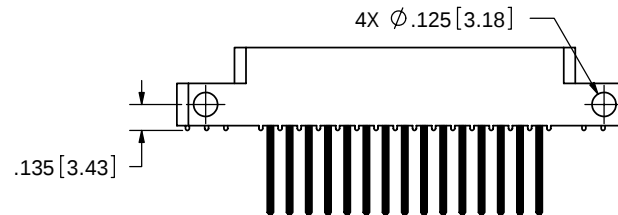
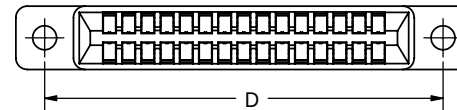
-- C -- DRYN



2X #4-40 THREADED  
INSERTS

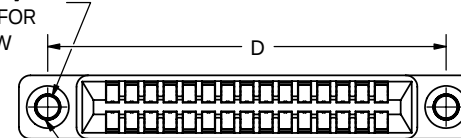


-- C -- DRYE

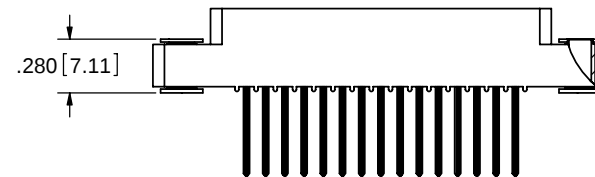


-- C -- DRY

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



Ø.116 CLEARANCE HOLE  
(FOR #4-40 SCREW)

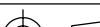
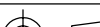


-- C -- DRYF

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RoHS COMPLIANT

|                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                 |      |                                |             |                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------|-------------|-----------------------|
| 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>PARENTHETICAL INFORMATION IS FOR<br>REFERENCE ONLY<br><br>INTERPRET DIMENSIONS AND GEOMETRIC<br>TOLERANCING<br>PER: ANSI Y14.5-1984 | DATE                                                                                                                                                                                                                                                            | NAME | <b>SULLINS<br/>ELECTRONICS</b> |             |                       |
|                                                                                                                                                                                                                                                                                                    | DRAWN                                                                                                                                                                                                                                                           | MNH  |                                |             |                       |
|                                                                                                                                                                                                                                                                                                    | 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 | EDGE CARD, .100 CC LP |
|                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                            |      |                                | PART NUMBER |                       |
|                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                 |      |                                | C _ DRY _   |                       |
|                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                 |      | SIZE                           | DWG. NO.    | REV                   |
|                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                 |      | C10879                         |             | 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    |
| C04DRY *       | 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  |
| C05DRY         | 5              | 0.400        | 10.16  | 0.600        | 15.24  | 0.775        | 19.69  | 1.075        | 27.31  | 1.375        | 34.93  |              |       |
| C06DRY         | 6              | 0.500        | 12.70  | 0.700        | 17.78  | 0.875        | 22.23  | 1.175        | 29.85  | 1.475        | 37.47  |              |       |
| C07DRY         | 7              | 0.600        | 15.24  | 0.800        | 20.32  | 0.975        | 24.77  | 1.275        | 32.39  | 1.575        | 40.01  |              |       |
| C08DRY         | 8              | 0.700        | 17.78  | 0.900        | 22.86  | 1.075        | 27.31  | 1.375        | 34.93  | 1.675        | 42.55  |              |       |
| C10DRY         | 10             | 0.900        | 22.86  | 1.100        | 27.94  | 1.275        | 32.39  | 1.575        | 40.01  | 1.875        | 47.63  |              |       |
| C12DRY         | 12             | 1.100        | 27.94  | 1.300        | 33.02  | 1.475        | 37.47  | 1.775        | 45.09  | 2.075        | 52.71  |              |       |
| C13DRY         | 13             | 1.200        | 30.48  | 1.400        | 35.56  | 1.575        | 40.01  | 1.875        | 47.63  | 2.175        | 55.25  |              |       |
| C15DRY         | 15             | 1.400        | 35.56  | 1.600        | 40.64  | 1.775        | 45.09  | 2.075        | 52.71  | 2.375        | 60.33  |              |       |
| C17DRY         | 17             | 1.600        | 40.64  | 1.800        | 45.72  | 1.975        | 50.17  | 2.275        | 57.79  | 2.575        | 65.41  |              |       |
| C18DRY         | 18             | 1.700        | 43.18  | 1.900        | 48.26  | 2.075        | 52.71  | 2.375        | 60.33  | 2.675        | 67.95  |              |       |
| C19DRY         | 19             | 1.800        | 45.72  | 2.000        | 50.80  | 2.175        | 55.25  | 2.475        | 62.87  | 2.775        | 70.49  |              |       |
| C20DRY         | 20             | 1.900        | 48.26  | 2.100        | 53.34  | 2.275        | 57.79  | 2.575        | 65.41  | 2.875        | 73.03  |              |       |
| C22DRY         | 22             | 2.100        | 53.34  | 2.300        | 58.42  | 2.475        | 62.87  | 2.775        | 70.49  | 3.075        | 78.11  |              |       |
| C23DRY *       | 23             | 2.200        | 55.88  | 2.400        | 60.96  | 2.575        | 65.41  | 2.875        | 73.03  | 3.175        | 80.65  |              |       |
| C25DRY         | 25             | 2.400        | 60.96  | 2.600        | 66.04  | 2.775        | 70.49  | 3.075        | 78.11  | 3.375        | 85.73  |              |       |
| C26DRY         | 26             | 2.500        | 63.50  | 2.700        | 68.58  | 2.875        | 73.03  | 3.175        | 80.65  | 3.475        | 88.27  |              |       |
| C28DRY         | 28             | 2.700        | 68.58  | 2.900        | 73.66  | 3.075        | 78.11  | 3.375        | 85.73  | 3.675        | 93.35  |              |       |
| C30DRY         | 30             | 2.900        | 73.66  | 3.100        | 78.74  | 3.275        | 83.19  | 3.575        | 90.81  | 3.875        | 98.43  |              |       |
| C31DRY         | 31             | 3.000        | 76.20  | 3.200        | 81.28  | 3.375        | 85.73  | 3.675        | 93.35  | 3.975        | 100.97 |              |       |
| C35DRY         | 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 |
| C36DRY         | 36             | 3.500        | 88.90  | 3.700        | 93.98  | 3.875        | 98.43  | 4.175        | 106.05 | 4.475        | 113.67 |              |       |
| C40DRY         | 40             | 3.900        | 99.06  | 4.100        | 104.14 | 4.275        | 108.59 | 4.575        | 116.21 | 4.875        | 123.83 |              |       |
| C43DRY         | 43             | 4.200        | 106.68 | 4.400        | 111.76 | 4.575        | 116.21 | 4.875        | 123.83 | 5.175        | 131.45 |              |       |
| C44DRY         | 44             | 4.300        | 109.22 | 4.500        | 114.30 | 4.675        | 118.75 | 4.975        | 126.37 | 5.275        | 133.99 |              |       |
| C49DRY         | 49             | 4.800        | 121.92 | 5.000        | 127.00 | 5.175        | 131.45 | 5.475        | 139.07 | 5.775        | 146.69 |              |       |
| C50DRY         | 50             | 4.900        | 124.46 | 5.100        | 129.54 | 5.275        | 133.99 | 5.575        | 141.61 | 5.875        | 149.23 |              |       |
| C52DRY *       | 52             | 5.100        | 129.54 | 5.300        | 134.62 | 5.475        | 139.07 | 5.775        | 146.69 | 6.075        | 154.31 |              |       |
| C60DRY         | 60             | 5.900        | 149.86 | 6.100        | 154.94 | 6.275        | 159.39 | 6.575        | 167.01 | 6.875        | 174.63 |              |       |
| C65DRY         | 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

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

C DRY

NUMBER OF POSITIONS

PLATING

ALL PLATINGS HAVE .000050" NICKEL UNDERPLATE

CONTACT SURFACE

G = .000010" GOLD

Y = .000030" GOLD

B = .000010" GOLD

C = .000030" GOLD

\*\*E = .000100" PURE TIN, MATTE

S = .000010" GOLD OVERALL

M = .000030" GOLD

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)

TERMINATION

.000005" GOLD

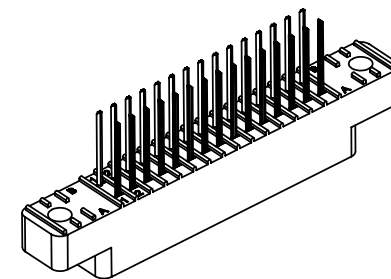
.000005" GOLD

.000100" PURE TIN, MATTE

.000100" PURE TIN, MATTE

OVERALL

.000010" GOLD OVERALL



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|                                                                                                                                                                                                                                                                 |                    |                                      |      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------------|------|
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| PART NUMBER<br>C DRY                                                                                                                                                                                                                                            |                    | REV<br>A                             |      |
| SIZE<br>C                                                                                                                                                                                                                                                       | DWG. NO.<br>C10879 | SCALE: 2:1                           |      |
| INTERPRET DIMENSIONS AND GEOMETRIC<br>TOLERANCING<br>PER: ANSI Y14.5-1984                                                                                                                                                                                       |                    | SHEET 3 OF 3                         |      |