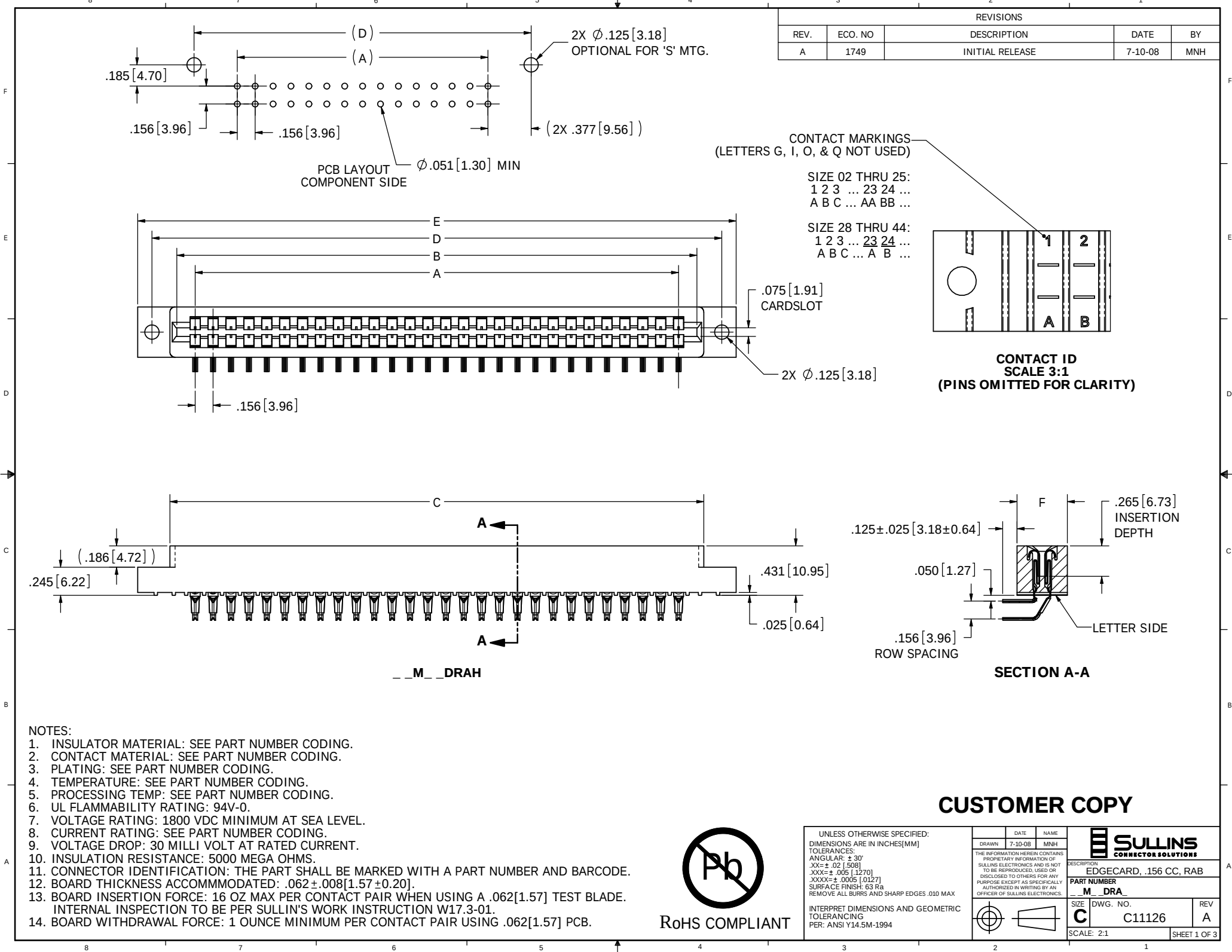
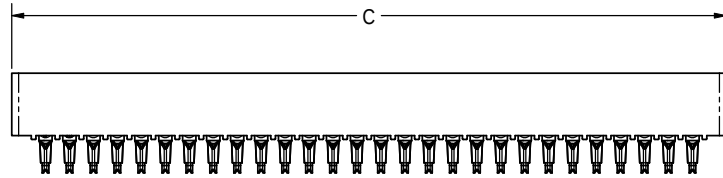
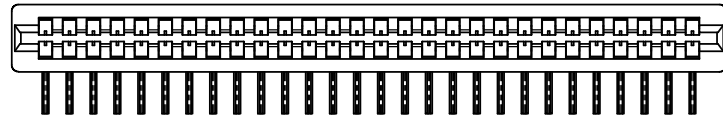
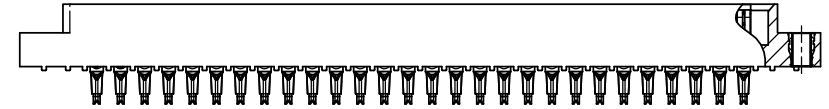
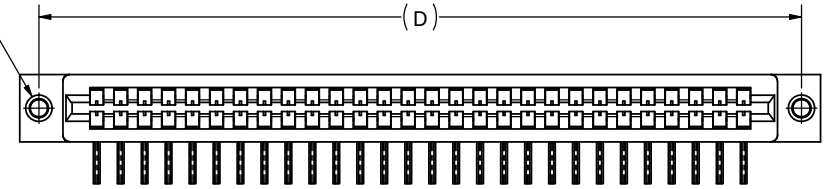






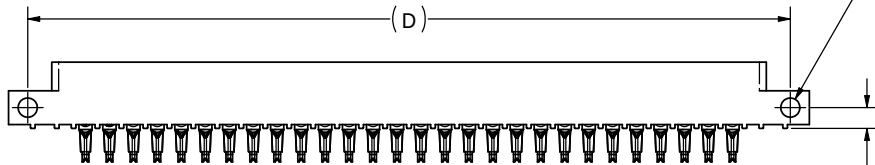
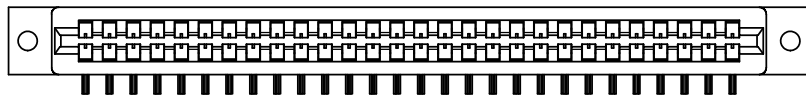
--M--DRAN

2X #4-40  
THREADED  
INSERT

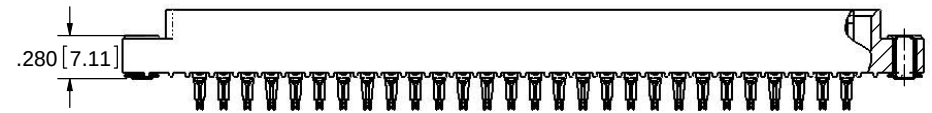
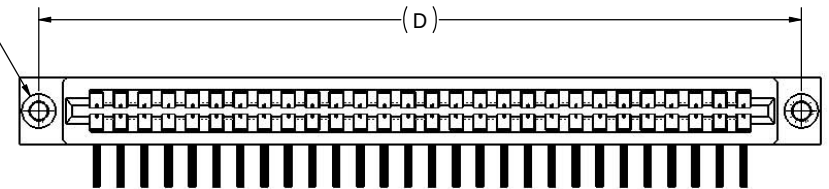


--M--DRAI

2X FLOATING BOBBIN  
 $\phi .116 [2.95]$  CLEARANCE  
FOR # 4 SCREW

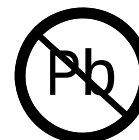


--M--DRAS



--M--DRAF

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RoHS COMPLIANT

UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN INCHES[MM]

TOLERANCES:  
ANGULAR:  $\pm 30^\circ$   
.XX =  $\pm .02 [508]$   
.XXX =  $\pm .005 [1270]$   
XXXX =  $\pm .0005 [0127]$   
SURFACE FINISH: 63 Ra  
REMOVE ALL BURRS AND SHARP EDGES .010 MAX

INTERPRET DIMENSIONS AND GEOMETRIC  
TOLERANCING  
PER: ANSI Y14.5M-1994

| DATE    | NAME |
|---------|------|
| 7-10-08 | 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.

| SIZE | DWG. NO. |
|------|----------|
| C    | C11126   |

| SULLINS<br>CONNECTOR SOLUTIONS         |              |
|----------------------------------------|--------------|
| DESCRIPTION<br>EDGE CARD, .156 CC, RAB |              |
| PART NUMBER<br>--M--DRA                |              |
| SCALE: 2:1                             | SHEET 2 OF 3 |

|             |                |                |        |               |        |                |        |               |        |               |        | Only applies for<br>PPS/ PEEK<br>insulators with<br>threaded inSArts<br>or floats |        |               |      |
|-------------|----------------|----------------|--------|---------------|--------|----------------|--------|---------------|--------|---------------|--------|-----------------------------------------------------------------------------------|--------|---------------|------|
| PART 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] |        | E ±.020[0.51]                                                                     |        | F ±.005[0.13] |      |
|             |                | IN             | MM     | IN            | MM     | IN             | MM     | IN            | MM     | IN            | MM     | IN                                                                                | MM     | IN            | MM   |
| M02DRAN     | 2              | 0.156          | 3.96   | 0.476         | 12.09  | 0.596          | 15.14  | "N" MOUNTING  |        |               |        |                                                                                   |        | 0.325         | 8.26 |
| M03DRAN     | 3              | 0.312          | 7.92   | 0.632         | 16.05  | 0.752          | 19.10  |               |        |               |        |                                                                                   |        |               |      |
| M06DRA      | 6              | 0.780          | 19.81  | 1.100         | 27.94  | 1.220          | 30.99  | 1.533         | 38.94  | 1.782         | 45.26  | 1.882                                                                             | 47.80  |               |      |
| M08DRA      | 8              | 1.092          | 27.74  | 1.412         | 35.86  | 1.532          | 38.91  | 1.845         | 46.86  | 2.094         | 53.19  | 2.194                                                                             | 55.73  |               |      |
| M10DRA      | 10             | 1.404          | 35.66  | 1.724         | 43.79  | 1.844          | 46.84  | 2.157         | 54.79  | 2.406         | 61.11  | 2.506                                                                             | 63.65  |               |      |
| M11DRA      | 11             | 1.560          | 39.62  | 1.880         | 47.75  | 2.000          | 50.80  | 2.313         | 58.75  | 2.562         | 65.07  | 2.662                                                                             | 67.61  |               |      |
| M12DRA      | 12             | 1.716          | 43.59  | 2.036         | 51.71  | 2.156          | 54.76  | 2.469         | 62.71  | 2.718         | 69.04  | 2.818                                                                             | 71.58  |               |      |
| M15DRA      | 15             | 2.184          | 55.47  | 2.504         | 63.60  | 2.624          | 66.65  | 2.937         | 74.60  | 3.186         | 80.92  | 3.286                                                                             | 83.46  |               |      |
| M18DRA      | 18             | 2.652          | 67.36  | 2.972         | 75.49  | 3.092          | 78.54  | 3.405         | 86.49  | 3.654         | 92.81  | 3.754                                                                             | 95.35  |               |      |
| M22DRA      | 22             | 3.276          | 83.21  | 3.596         | 91.34  | 3.716          | 94.39  | 4.029         | 102.34 | 4.278         | 108.66 | 4.378                                                                             | 111.20 |               |      |
| M24DRA      | 24             | 3.588          | 91.14  | 3.908         | 99.26  | 4.028          | 102.31 | 4.341         | 110.26 | 4.590         | 116.59 | 4.690                                                                             | 119.13 |               |      |
| M25DRA      | 25             | 3.744          | 95.10  | 4.064         | 103.23 | 4.184          | 106.27 | 4.497         | 114.22 | 4.746         | 120.55 | 4.846                                                                             | 123.09 |               |      |
| M28DRA      | 28             | 4.212          | 106.98 | 4.532         | 115.11 | 4.652          | 118.16 | 4.965         | 126.11 | 5.214         | 132.44 | 5.314                                                                             | 134.98 |               |      |
| M36DRA      | 36             | 5.460          | 138.68 | 5.780         | 146.81 | 5.900          | 149.86 | 6.213         | 157.81 | 6.462         | 164.13 | 6.562                                                                             | 166.67 |               |      |
| M43DRA      | 43             | 6.552          | 166.42 | 6.872         | 174.55 | 6.992          | 177.60 | 7.305         | 185.55 | 7.554         | 191.87 | 7.654                                                                             | 194.41 |               |      |
| M44DRA      | 44             | 6.708          | 170.38 | 7.028         | 178.51 | 7.148          | 181.56 | 7.461         | 189.51 | 7.710         | 195.83 | 7.810                                                                             | 198.37 |               |      |
|             |                |                |        |               |        |                |        |               |        |               |        |                                                                                   |        |               |      |

PART NUMBER CODING

- M - DRA -

MATERIAL (INSULATOR/CONTACT)

E = PBT/PHOSPHOR BRONZE

OPERATING TEMP: -65°C TO +125°C @ 3 AMPS PER CONTACT  
OPERATING TEMP: -65°C TO +21°C @ 5 AMPS PER CONTACT  
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  
CURRENT RATING PER CONTACT: 5 AMPS

G = PA9T/PHOSPHOR BRONZE

OPERATING TEMP: -65°C TO +125°C  
PROCESSING TEMP: 260°C FOR 120 SECS MAX  
CURRENT RATING PER CONTACT: 5 AMPS

H = PBT/BERYLLIUM COPPER

OPERATING TEMP: -65°C TO +125°C @ 3 AMPS PER CONTACT  
OPERATING TEMP: -65°C TO +105°C @ 5 AMPS PER CONTACT  
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  
CURRENT RATING PER CONTACT: 5 AMPS

J = PA9T/BERYLLIUM COPPER

OPERATING TEMP: -65°C TO +150°C  
PROCESSING TEMP: 260°C FOR 120 SECS MAX  
CURRENT RATING PER CONTACT: 5 AMPS

F = PPS/SPINODAL (CONSULT FACTORY)

AVAILABLE IN OVERALL GOLD ONLY (S OR M PLATING CODE)  
OPERATING TEMP: -65°C TO +200°C  
PROCESSING TEMP: 260°C FOR 120 SECS MAX  
CURRENT RATING PER CONTACT: 3 AMPS

C = PPS/BERYLLIUM NICKEL (CONSULT FACTORY)

AVAILABLE IN OVERALL GOLD ONLY (S OR M PLATING CODE)  
OPERATING TEMP: -65°C TO +200°C @ 3 AMPS PER CONTACT  
PROCESSING TEMP: 260°C FOR 120 SECS MAX

W = PEEK/BERYLLIUM NICKEL (CONSULT FACTORY)

AVAILABLE IN OVERALL GOLD ONLY (S OR M PLATING CODE)  
OPERATING TEMP: -65°C TO +250°C  
CURRENT RATING PER CONTACT: 3 AMPS  
(CONSULT FACTORY FOR OTHER MATERIALS)

NUMBER OF POSITIONS  
(CONTACTS PER ROW)

PLATING

ALL PLATINGS ARE LEAD FREE AND HAVE .000050" NICKEL UNDERPLATE

CONTACT SURFACE

G = .000010" GOLD  
Y = .000030" GOLD  
B = .000010" GOLD  
C = .000030" GOLD

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

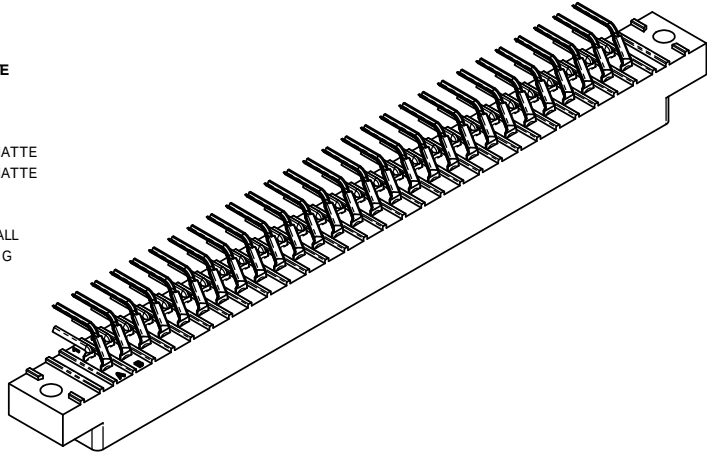
S = .000010" GOLD OVERALL

M = .000030" GOLD

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

MOUNTING STYLE

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



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RoHS COMPLIANT

|                                                                                                                                                                                                                                                                 |  |                                       |             |                                           |                    |          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------|-------------|-------------------------------------------|--------------------|----------|
| UNLESS OTHERWISE SPECIFIED:<br>DIMENSIONS ARE IN INCHES[MM]<br>TOLERANCES:<br>ANGULAR: ± 30°<br>.XX±.02 [508]<br>.XXX±.005 [127]<br>XXXX±.0005 [0.127]<br>SURFACE FINISH: 63 Ra<br>REMOVE ALL BURRS AND SHARP EDGES .010 MAX                                    |  | DATE<br>7-10-08                       | NAME<br>MNH | <br><b>SULLINS</b><br>CONNECTOR SOLUTIONS |                    |          |
| 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>EDGECARD, .156 CC, RAB |             |                                           |                    |          |
| INTERPRET DIMENSIONS AND GEOMETRIC<br>TOLERANCING<br>PER: ANSI Y14.5M-1994                                                                                                                                                                                      |  | PART NUMBER<br>M_DRA                  |             | SIZE<br>C                                 | DWG. NO.<br>C11126 | REV<br>A |
| SCALE: 2:1                                                                                                                                                                                                                                                      |  | SHEET 3 OF 3                          |             |                                           |                    |          |