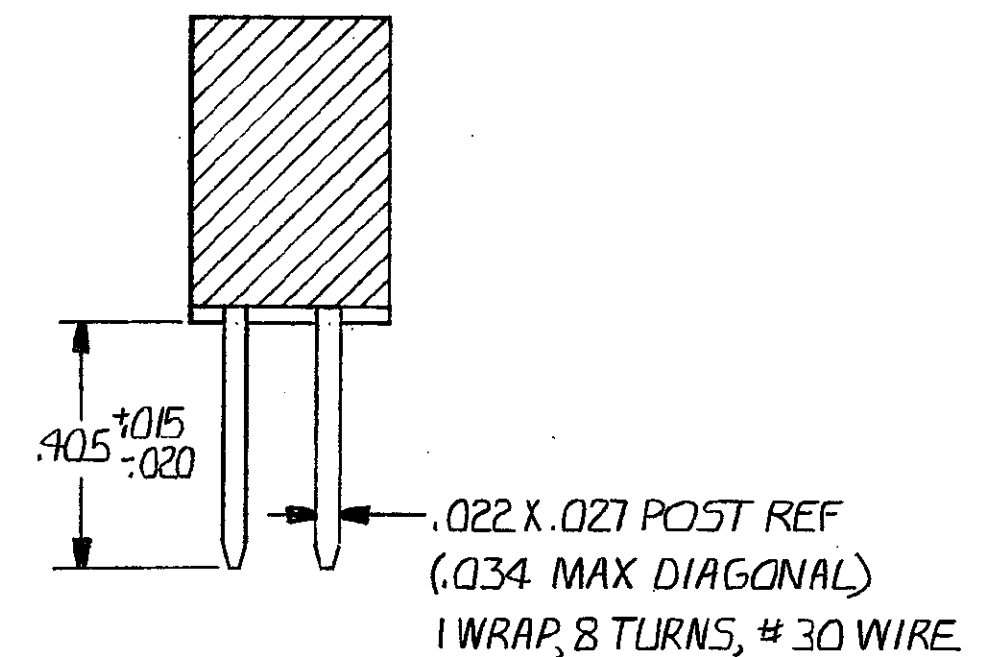
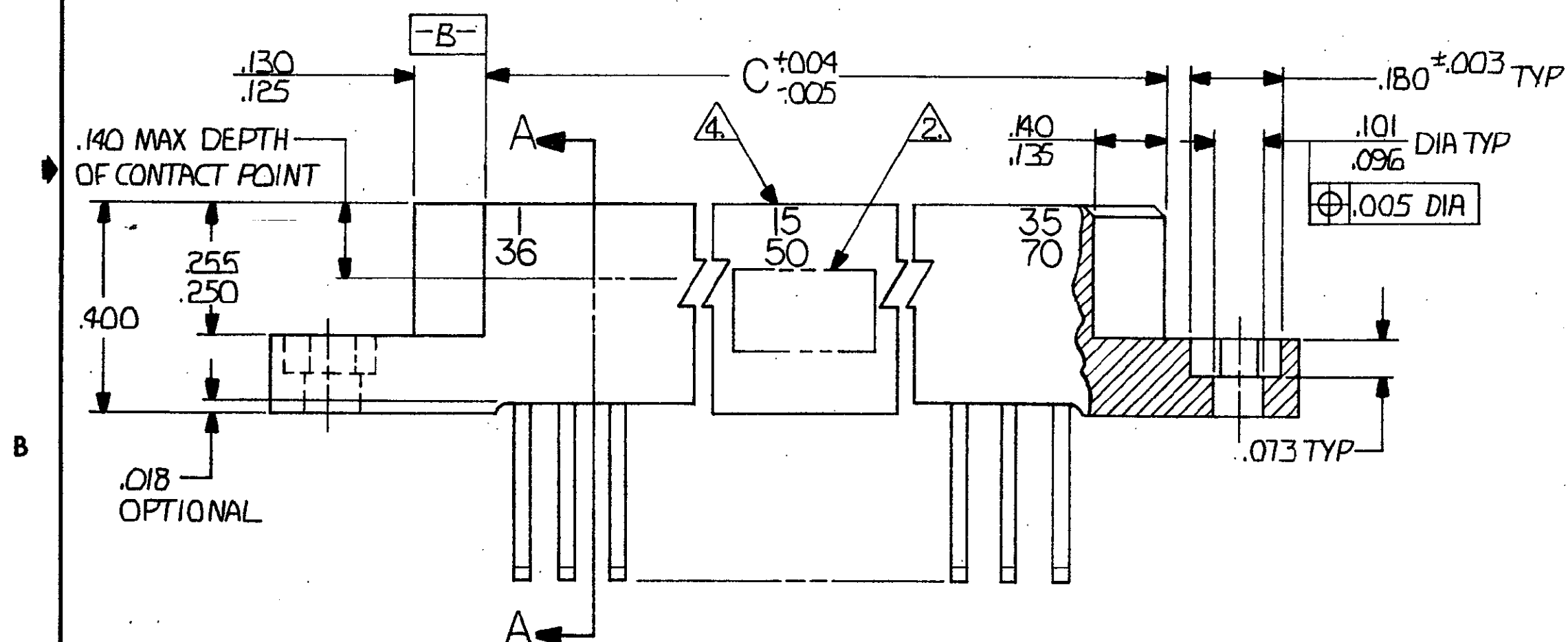
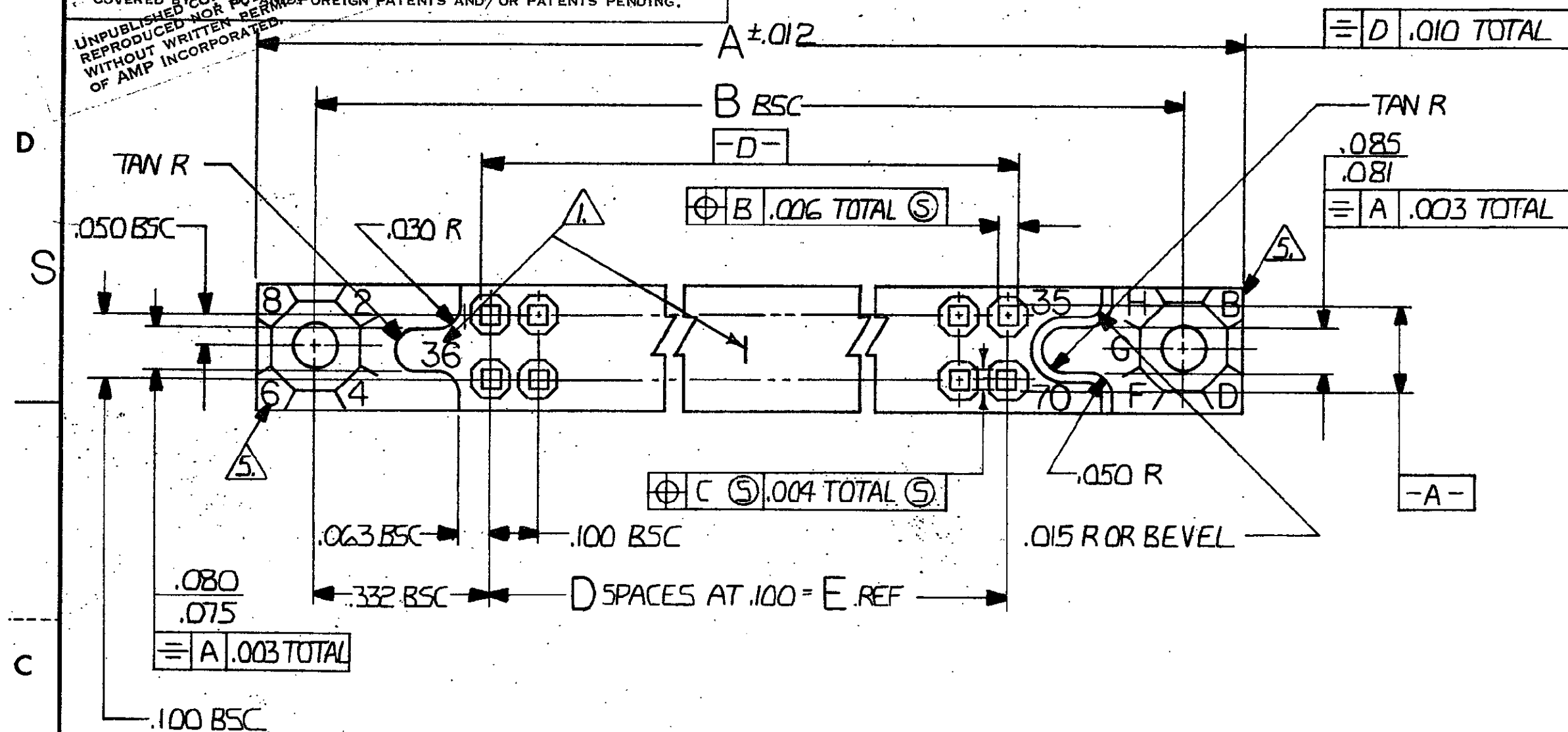
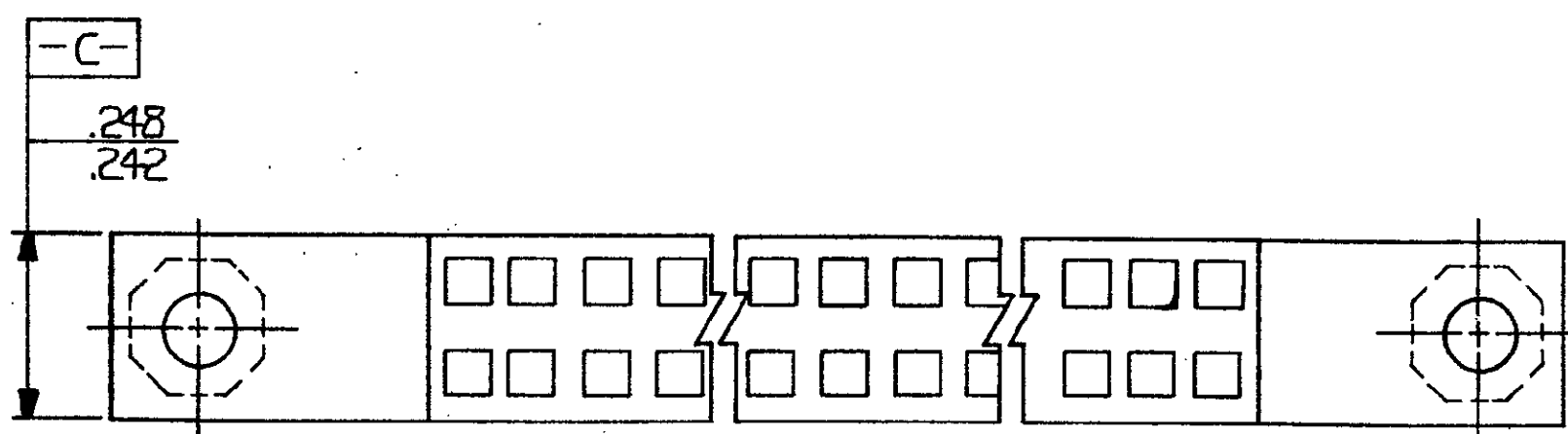




SECTION A-A  
WRAP-TYPE CONTACT (TYPE V)  
PC MOUNT



|                                                                                                         |  |                                                                                                                                                                                                   |  |
|---------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                                                                                                         |  | PART NO                                                                                                                                                                                           |  |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.<br>TOLERANCES ON:<br>DECIMALS $\pm .005$<br>ANGLES |  | CONTRACT NO<br>DR<br><i>Robert Wolbert</i> 11-12-76<br>CHK<br><i>R. Williams</i> 11-23-76<br>APPD<br><i>R. Williams</i> 11-23-76<br>APPD<br><i>D.C. Myers</i> 11-29-76<br>DSGN APPD<br>OTHER APPD |  |
| MATERIAL<br>       |  |  AMP INCORPORATED<br>Harrisburg, Pa.                                                                         |  |
| FINISH<br>         |  | NAME BOX CONNECTOR RECEPTACLE ASSY .100 GRID EXTERNAL KEYING<br>SIZE CODE IDENT NO DRAWING NO REV<br><b>C 00779 530781 F</b><br>SCALE 4-1 SHEET 10F2                                              |  |

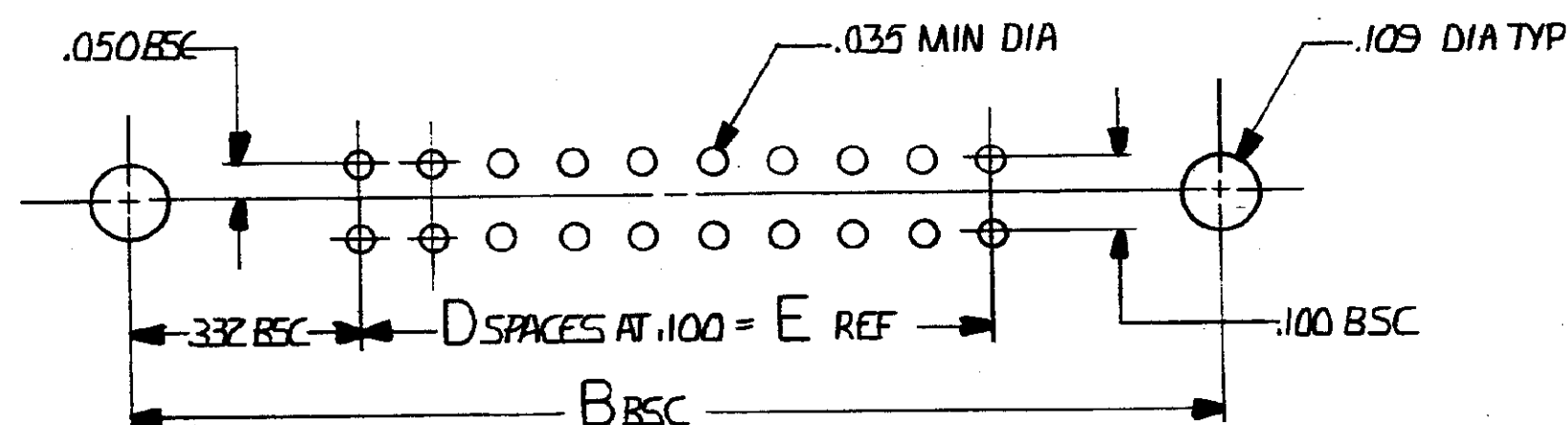
DRAWING MADE IN THIRD ANGLE PROJECTION

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ANY FORM OR BY ANY MEANS  
WITHOUT WRITTEN PERMISSION  
OF AMP INCORPORATED.

| REVISIONS        |   |      |     |             | DATE | APPROVED |
|------------------|---|------|-----|-------------|------|----------|
| P                | F | ZONE | LTR | DESCRIPTION |      |          |
| SEE SHEET 1 OF 2 |   |      |     |             |      |          |

1. NUMBERS AND LINES INDICATING EVERY FIVE CAVITIES MARKED ON MATING FACE.
2. AMP PART NUMBER DATE CODE, 00779 & MILITARY PART NUMBER MARKED IN THIS AREA SIDE OPTIONAL
3. MUST MEET ALL APPLICABLE REQUIREMENTS OF MIL-C-55302.
4. NUMBERS INDICATING EVERY FIVE CAVITIES MARKED ON SIDE
5. KEY POSITION IDENTIFICATION MOLDED ON SURFACES SHOWN.
6. USE EXTERNAL KEY NUMBER 530341-1 MATES WITH PART NUMBER 530339.
7. HOUSING MATERIAL: DIALYL PHTHALATE COLOR: BLUE PER MIL-M-14 TYPE SDG-F.
8. CONTACT MATERIAL: BERYLLIUM COPPER .000050 GOLD OVER NICKEL.



RECOMMENDED PRINTED CIRCUIT BOARD LAYOUT

|                |                           |                   |       |    |       |       |       |                |            |
|----------------|---------------------------|-------------------|-------|----|-------|-------|-------|----------------|------------|
| M55302/27-225  | 71                        | 140 <sup>70</sup> | 6.900 | 69 | 7.165 | 7.565 | 7.855 | 140            | 1-530781-3 |
| M55302/27-224  | 68                        | 134 <sup>67</sup> | 6.600 | 66 | 6.865 | 7.265 | 7.555 | 134            | 1-530781-2 |
| M55302/27-223  | 66                        | 130 <sup>65</sup> | 6.400 | 64 | 6.665 | 7.065 | 7.355 | 130            | 1-530781-1 |
| M55302/27-222  | 61                        | 120 <sup>60</sup> | 5.900 | 59 | 6.165 | 6.565 | 6.855 | 120            | 1-530781-0 |
| M 55302/27-171 | 56                        | 110 <sup>55</sup> | 5.400 | 54 | 5.665 | 6.065 | 6.355 | 110            | 530781-9   |
| M 55302/27-170 | 51                        | 100 <sup>50</sup> | 4.900 | 49 | 5.165 | 5.565 | 5.855 | 100            | -8         |
| M 55302/27-169 | 46                        | 90 <sup>45</sup>  | 4.400 | 44 | 4.665 | 5.065 | 5.355 | 90             | -7         |
| M 55302/27-168 | 41                        | 80 <sup>40</sup>  | 3.900 | 39 | 4.165 | 4.565 | 4.855 | 80             | -6         |
| M 55302/27-167 | 36                        | 70 <sup>35</sup>  | 3.400 | 34 | 3.665 | 4.065 | 4.355 | 70             | -5         |
| M 55302/27-166 | 31                        | 60 <sup>30</sup>  | 2.900 | 29 | 3.165 | 3.565 | 3.855 | 60             | -4         |
| M 55302/27-165 | 26                        | 50 <sup>25</sup>  | 2.400 | 24 | 2.665 | 3.065 | 3.355 | 50             | -3         |
| M 55302/27-164 | 21                        | 40 <sup>20</sup>  | 1.900 | 19 | 2.165 | 2.565 | 2.855 | 40             | -2         |
| M 55302/27-163 | 16                        | 30 <sup>15</sup>  | 1.400 | 14 | 1.665 | 2.065 | 2.355 | 30             | 530781-1   |
| M 55302        | CONTACT IDENTIFICATION NO |                   | E     | D  | C     | B     | A     | NO OF CONTACTS | PART NO    |

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.

TOLERANCES ON:  
DECIMALS ±.005  
ANGLES ±.005

MATERIAL

1.8

FINISH

8.

CONTRACT NO

DR Robert Weber 11-15-76

CHK R Williams 11-23-76

APPD R Williams 11-23-76

APPD R Williams 11-29-76

DSGN APPD

OTHER APPD

AMP INCORPORATED  
Harrisburg, Pa.NAME BOX CONNECTOR RECEPTACLE  
ASSY .100 GRID EXTERNAL  
KEYINGSIZE CODE IDENT NO DRAWING NO REV  
C 00779 530781 F

SCALE 4:1 SHEET 2 OF 2

CUSTOMER DRAWING