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| PART NO.   | NO. OF POS. | A    | B     | C    | D     |
|------------|-------------|------|-------|------|-------|
| 583533-1   | 3           |      |       |      |       |
| 2          | 4           |      |       |      |       |
| 4          | 6           |      |       |      |       |
| 5          | 7           |      |       |      |       |
| 6          | 8           |      |       |      |       |
| 7          | 9           |      |       |      |       |
| 8          | 10          |      |       |      |       |
| 9          | 11          |      |       |      |       |
| 1-583533-0 | 12          |      |       |      |       |
| 1-1        | 13          |      |       |      |       |
| 1-2        | 14          |      |       |      |       |
| 1-3        | 15          |      |       |      |       |
| 1-4        | 16          |      |       |      |       |
| 1-5        | 17          |      |       |      |       |
| 1-6        | 18          |      |       |      |       |
| 1-7        | 19          |      |       |      |       |
| 1-8        | 20          |      |       |      |       |
| 1-9        | 21          |      |       |      |       |
| 2-583533-0 | 22          |      |       |      |       |
| 2-1        | 23          |      |       |      |       |
| 2-2        | 24          |      |       |      |       |
| 2-3        | 25          |      |       |      |       |
| 2-4        | 26          |      |       |      |       |
| 2-5        | 27          |      |       |      |       |
| 2-6        | 28          |      |       |      |       |
| 2-7        | 29          |      |       |      |       |
| 2-8        | 30          |      |       |      |       |
| 2-9        | 31          |      |       |      |       |
| 3-583533-0 | 32          |      |       |      |       |
| 3-1        | 33          |      |       |      |       |
| 3-2        | 34          |      |       |      |       |
| 3-3        | 35          |      |       |      |       |
| 3-4        | 36          |      |       |      |       |
| 3-5        | 37          |      |       |      |       |
| 3-6        | 38          |      |       |      |       |
| 3-7        | 39          |      |       |      |       |
| 3-8        | 40          |      |       |      |       |
| 3-9        | 41          |      |       |      |       |
| 4-583533-0 | 42          |      |       |      |       |
| 4-1        | 43          |      |       |      |       |
| 4-2        | 44          |      |       |      |       |
| 4-3        | 45          |      |       |      |       |
| 4-4        | 46          |      |       |      |       |
| 4-5        | 47          |      |       |      |       |
| 4-6        | 48          |      |       |      |       |
| 4-7        | 49          |      |       |      |       |
| 4-583533-8 | 50          | .125 | 6.125 | .125 | 6.375 |
| 4-583533-9 | 70          | .125 | 8.625 | .125 | 8.875 |
| 5-583533-0 | 50          | .125 | 6.125 | .125 | 6.375 |
| 5-583533-1 | 51          | .125 | 6.250 | .125 | 6.500 |
| 5-583533-2 | 60          | .125 | 7.375 | .125 | 7.625 |

OBSOLETE  $\Delta$ 6

OBSOLETE  $\Delta$ 6

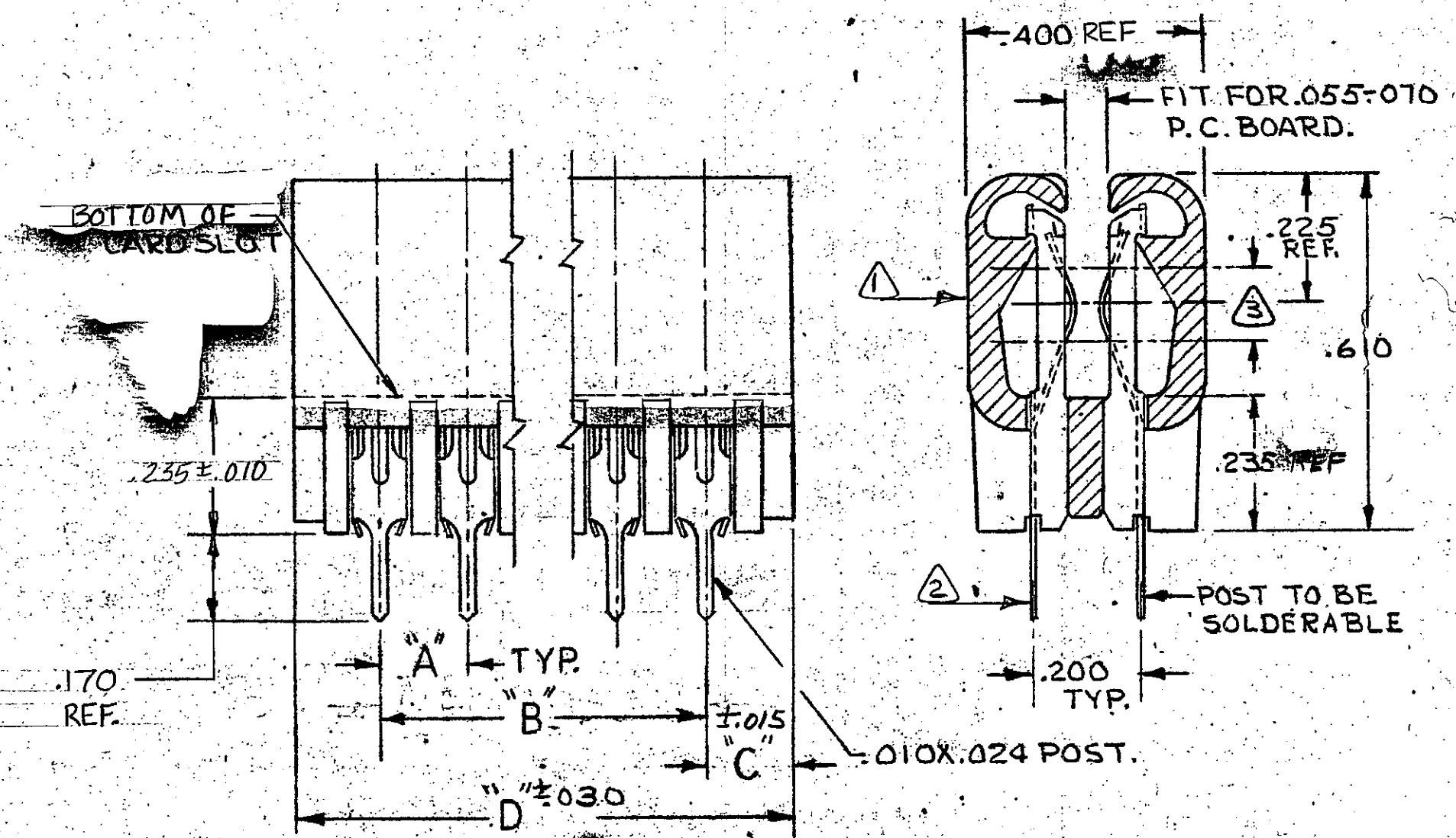
OBSOLETE  $\Delta$ 6

OBSOLETE

OBSOLETE  $\Delta$ 6

$\Delta$ 5

| REVISIONS |     |                            |         |          |
|-----------|-----|----------------------------|---------|----------|
| ZONE      | LTR | DESCRIPTION                | DATE    | APPROVED |
|           | U   | REVISED PER 0010-0570-95   | 6-30-95 | RB-3     |
|           | V   | REV PER EC 0320-209-97     | 7-7-97  | NS       |
|           | W   | REV PER 0651-0010-98       | 8-11-98 | RB NS    |
|           | W1  | REVISED PER -ECO-09-026444 | 27NOV08 | KK AEG   |



- $\Delta$ 3 FINISH: .000015 GOLD. SELECTIVE.
- $\Delta$ 4 SEE SHEET 2 FOR RECOMMENDED PRINTED CIRCUIT BOARD LAYOUT.
- $\Delta$ 5 FINISH: .000030 GOLD SELECTIVE.
- $\Delta$ 6 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

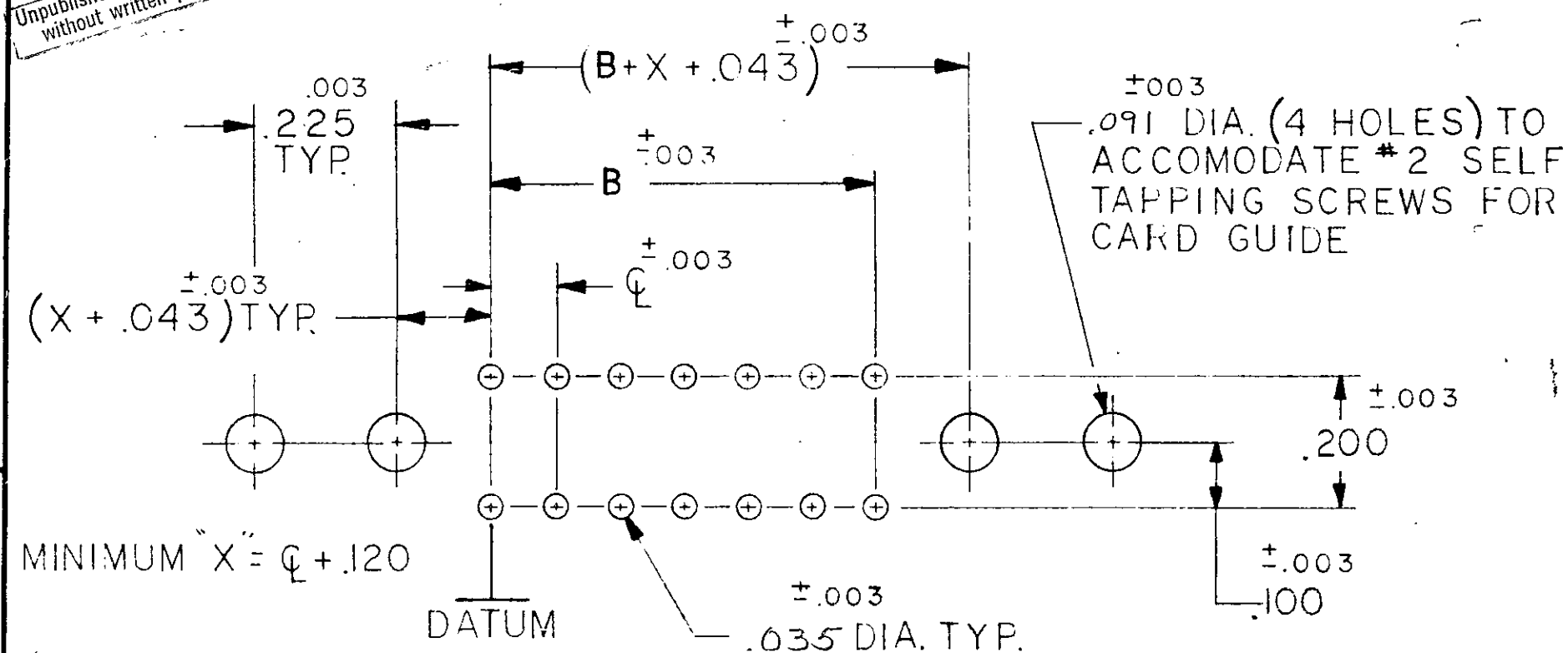
|   |                                     |   |                         |
|---|-------------------------------------|---|-------------------------|
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES<br>TOLERANCES ON:<br>DECIMALS $\pm$ .005 ANGLES $\pm$ .1 | CONTRACT NO.                        | AMP INCORPORATED<br>HARRISBURG, PENNSYLVANIA                            |                         |
|   | DR<br><i>Rumble 1-29-73</i>         |   |                         |
| MATERIAL<br>$\Delta$ HOUSING: GLASS<br>FILLED POLYESTER<br>COLOR: BLACK<br>$\Delta$ CONTACT: PHOS.<br>BRONZE  | CHK<br><i>M. Ziegler 2-5-73</i>     | NAME<br>HOUSING ASS'Y, TWIN LEAF, 125 C,<br>SOLDER TYPE POST, .010X.024 |                         |
|   | APPD<br><i>Jerry M Brown 2-5-73</i> | SIZE<br>C   | CODE IDENT NO.<br>00779 |
|   | REL<br><i>R. Trump 3/13/73</i>      | NUMBER<br>583533  |                         |
|   | DSGN APPD                           | SCALE<br>N  |                         |
|   | OTHER APPD                          | SHEET 1 OF 2 SHTS.  |                         |

CUSTOMER DRAWING

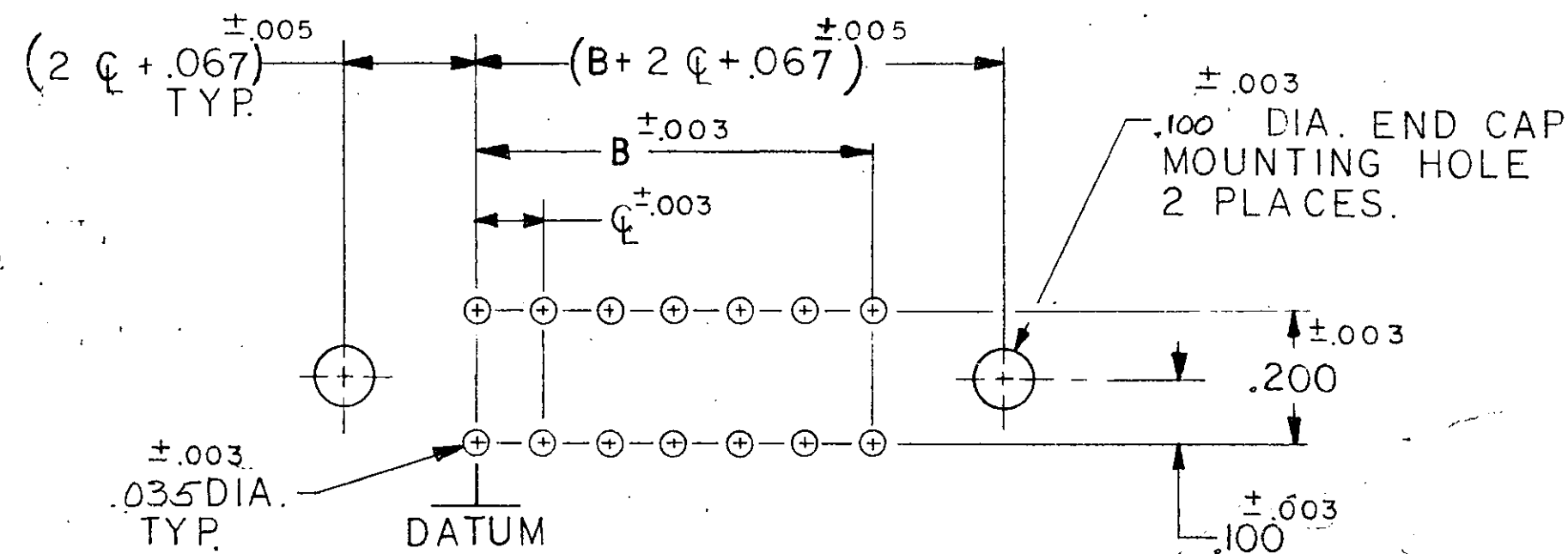
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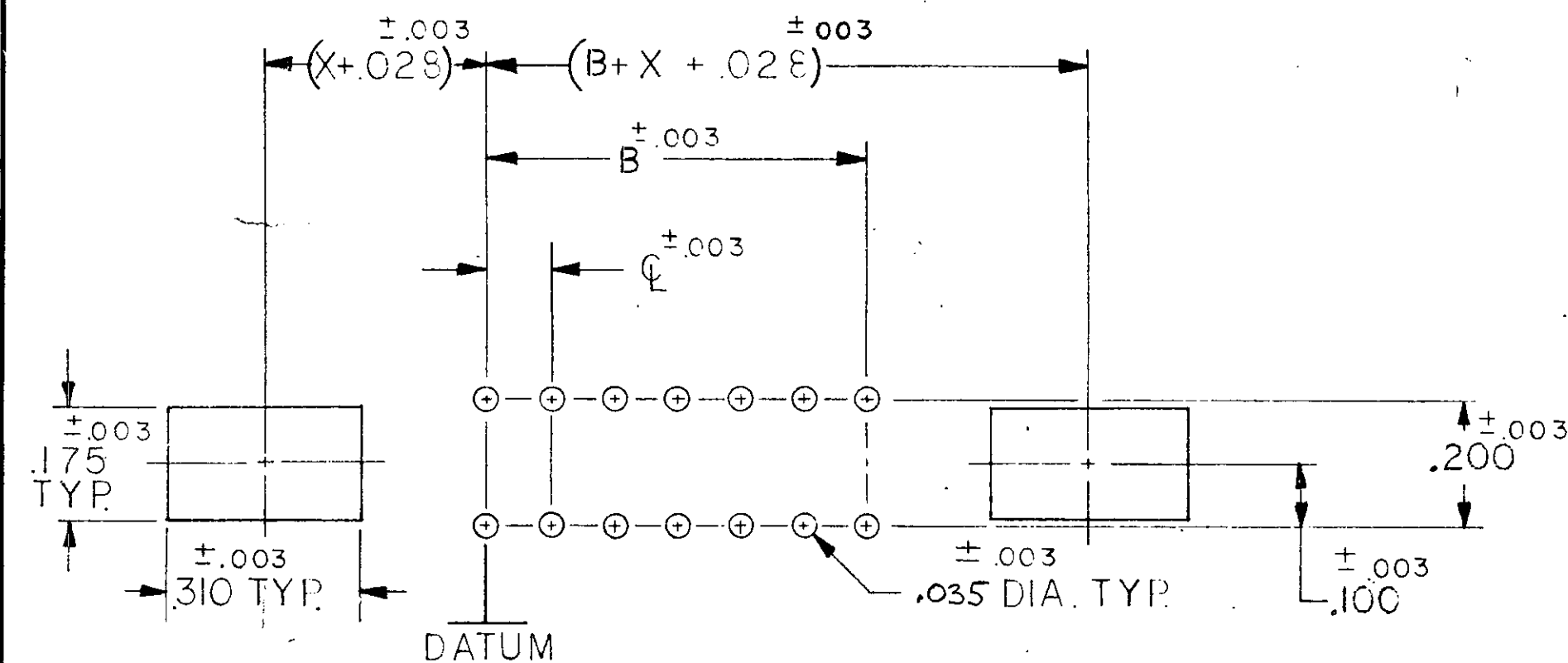
| REVISIONS   |     |             |      |          |
|-------------|-----|-------------|------|----------|
| ZONE        | LTR | DESCRIPTION | DATE | APPROVED |
| SEE SHEET 1 |     |             |      |          |



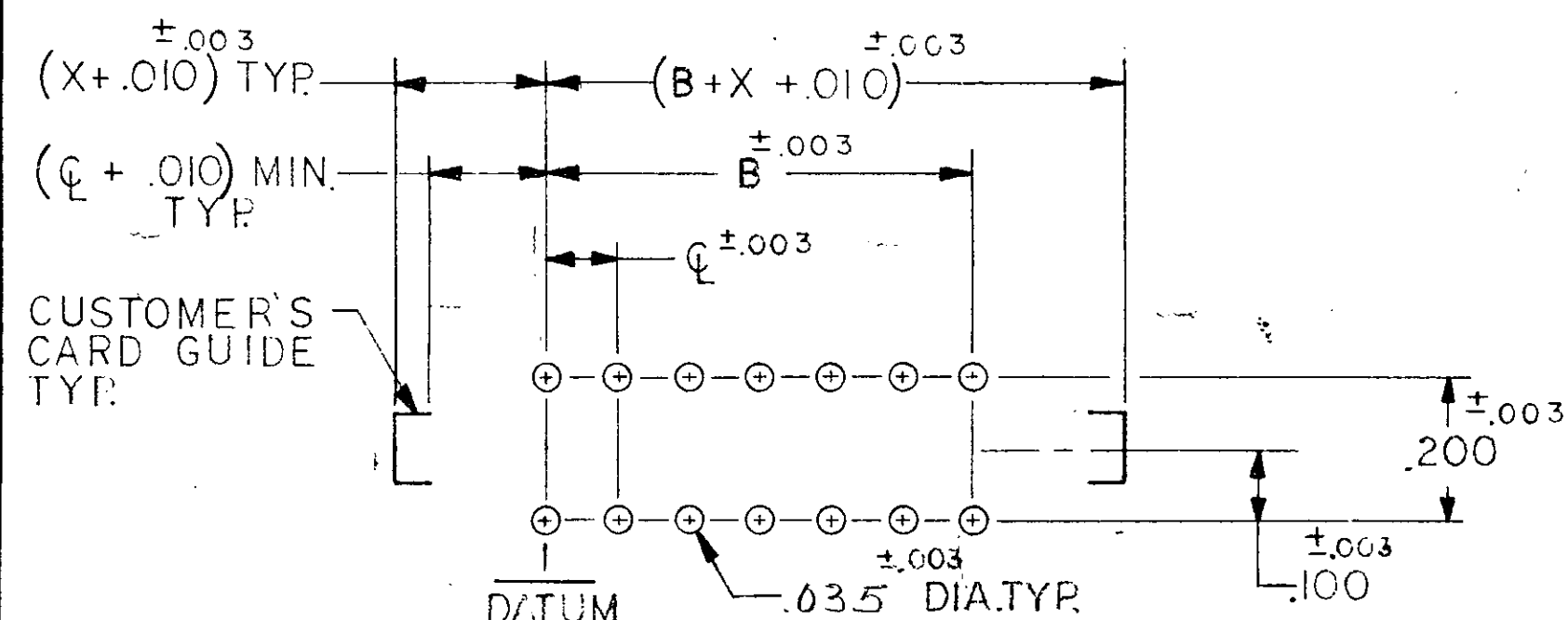
BOARD LAYOUT FOR USE WITH AMP CARD GUIDE PART NO. 583671



BOARD LAYOUT FOR USE WITH END CAP



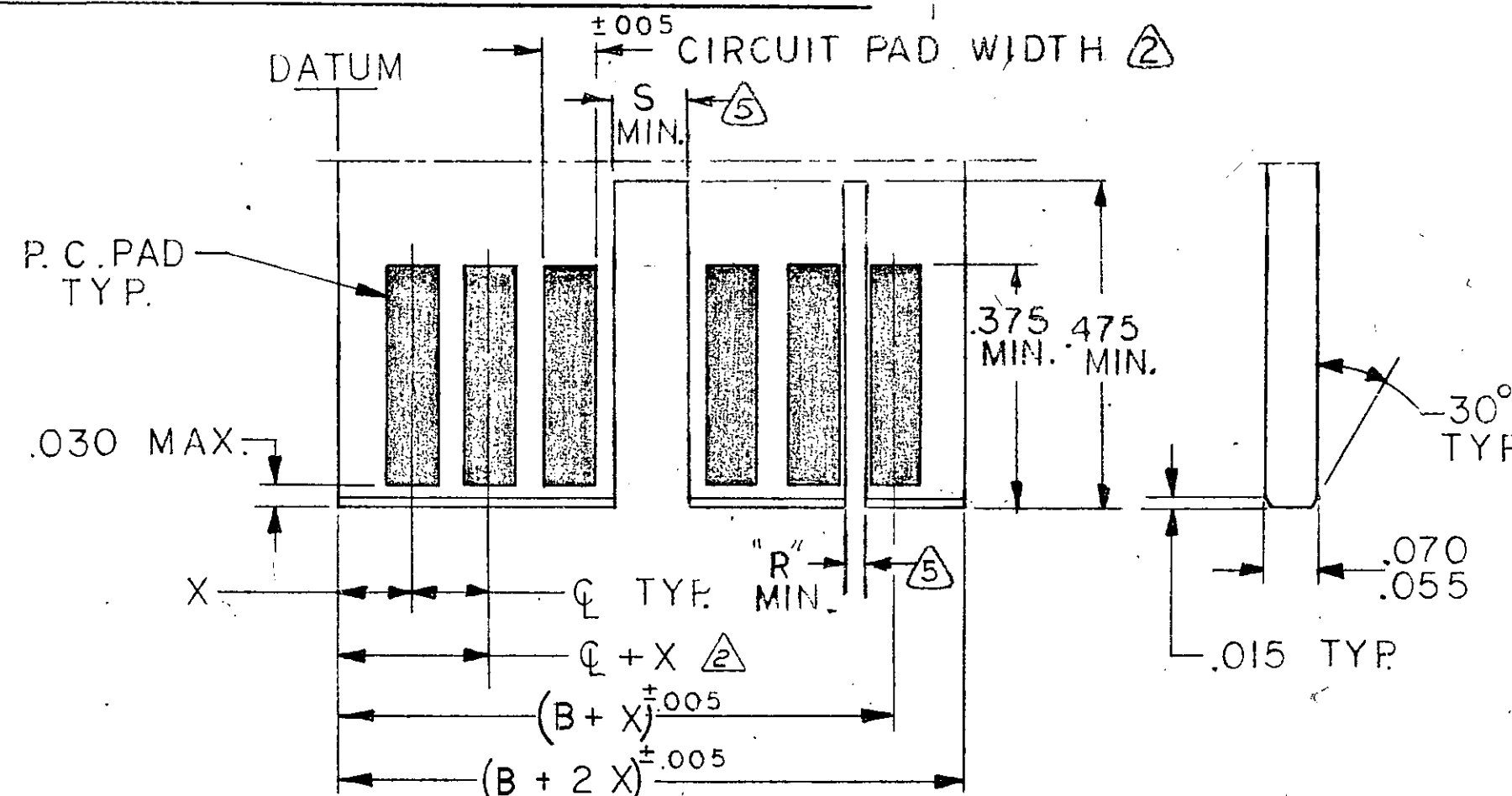
BOARD LAYOUT FOR USE WITH AMP CARD GUIDE PART NO. 583408 CR 583425



BOARD LAYOUT FOR USE WITH CUSTOMER SUPPLIED CARD GUIDE

THE SLOT FOR INTER-CONTACT KEYING PLUGS MUST BE CENTERED BETWEEN THE PRINTED CIRCUIT PADS, WHILE THE SLOT FOR ON-CONTACT KEYING PLUGS MUST BE CENTERED ON THE AREA OF A PRINTED CIRCUIT PAD.

| INTER-CONTACT KEYING PLUG. | "R" FOR CENTER LINE SPACING. | ON CONTACT KEYING PLUG. | "S" FOR CENTER LINE SPACING. |
|----------------------------|------------------------------|-------------------------|------------------------------|
| 530030-1                   | .050                         | 583714-1                | .129                         |
| 530030-2                   | .040                         | 583714-2                | .160                         |



DAUGHTER BOARD LAYOUT

- MAX. ALLOWABLE WARPAGE OF MOTHER BOARD NOT TO EXCEED .005/IN. MAX. ALLOWABLE BOW OF DAUGHTER BOARD NOT TO EXCEED .010/IN. THICKNESS OF MOTHER BOARD IS .062 FOR DOUBLE SLOTTED CARD GUIDES AND .104 MAX. FOR ALL OTHER MOUNTING CONDITIONS.
- EACH PAD LOCATION INCREASES BY  $Q \pm .005$  WITH A NON-CUMULATIVE TOLERANCE OF  $\pm .005$ .  
CIRCUIT PAD WIDTH - .052 FOR .100 Q  
.072 FOR .125 Q  
.072 FOR .150 Q  
.080 FOR .156 Q
- DIMENSIONS APPLY TO BOTH SIDES OF DAUGHTER BOARD.
- INCREMENTS ON MOTHER BOARD HAVE  $\pm .003$  NON-CUMULATIVE TOLERANCE.
- "X" IS A CUSTOMER CONTROLLED DIMENSION EXCEPT FOR END CAP ASSEMBLIES WHERE "X" =  $Q - .008$

|  |              |   |                    |        |  |
|--|--------------|---|--------------------|--------|--|
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES TOLERANCES ON:<br>DECIMALS ± ANGLES ± | CONTRACT NO. | AMP INCORPORATED<br>HARRISBURG, PENNSYLVANIA            |                    |        |  |
|  | DR           |   |                    |        |  |
|  | CHK          | NAME  |                    |        |  |
|  | APPD.        | HOUSING ASSEMBLY<br>TWIN LEAF CONNECTOR<br>.125 CENTERS |                    |        |  |
| MATERIAL   | REL          | SIZE  | CODE IDENT NO.     | NUMBER |  |
|  | DSGN APPD    | C   | 00779              | 583533 |  |
|  | OTHER APPD   | SCALE   | SHEET 2 OF 2 SHFS. |        |  |

CUSTOMER DRAWING

NUMBER 583533

B

A

A