

| LOC |     | DIST                        |  | REVISIONS |     |      |  |
|-----|-----|-----------------------------|--|-----------|-----|------|--|
| F   | LTW | DESCRIPTION                 |  | DATE      | DWN | APVD |  |
|     |     |                             |  |           |     |      |  |
| E   |     | REVISED PER EC 0S1B-0205-00 |  | 07FEB01   | JG  | MG   |  |

- 1

HOUSING MATERIAL: POLYPHTHALAMIDE, COLOR: BLACK.  
CONTACT MATERIAL: PHOSPHOR BRONZE.
- 2

CONTACT FINISH: 0.00381 MINIMUM MATTE TIN-LEAD (93-7)  
ON SOLDER AREA, 0.00076 MINIMUM GOLD ON MATING AREA,  
BOTH OVER 0.00127 MINIMUM NICKEL ON ENTIRE CONTACT.
- 3

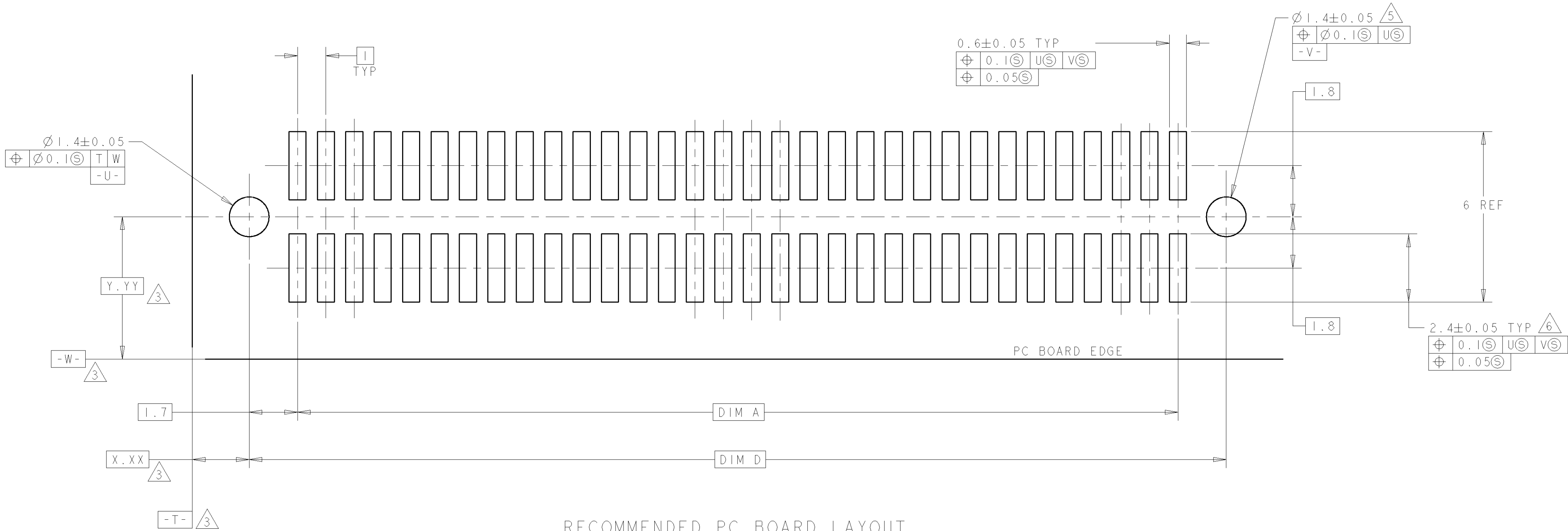
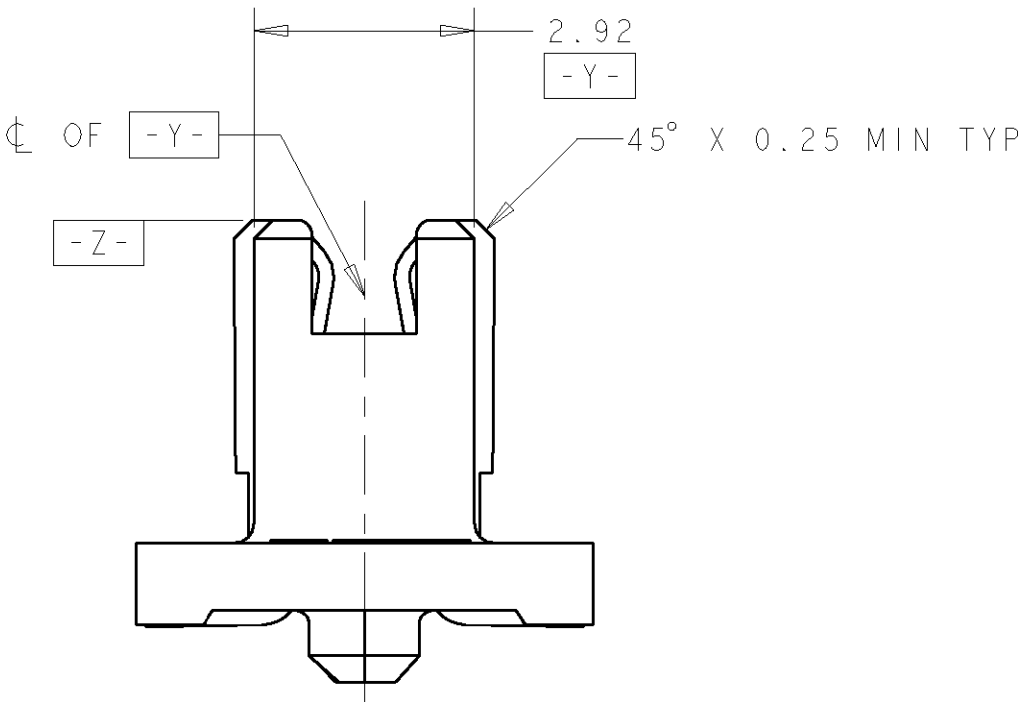
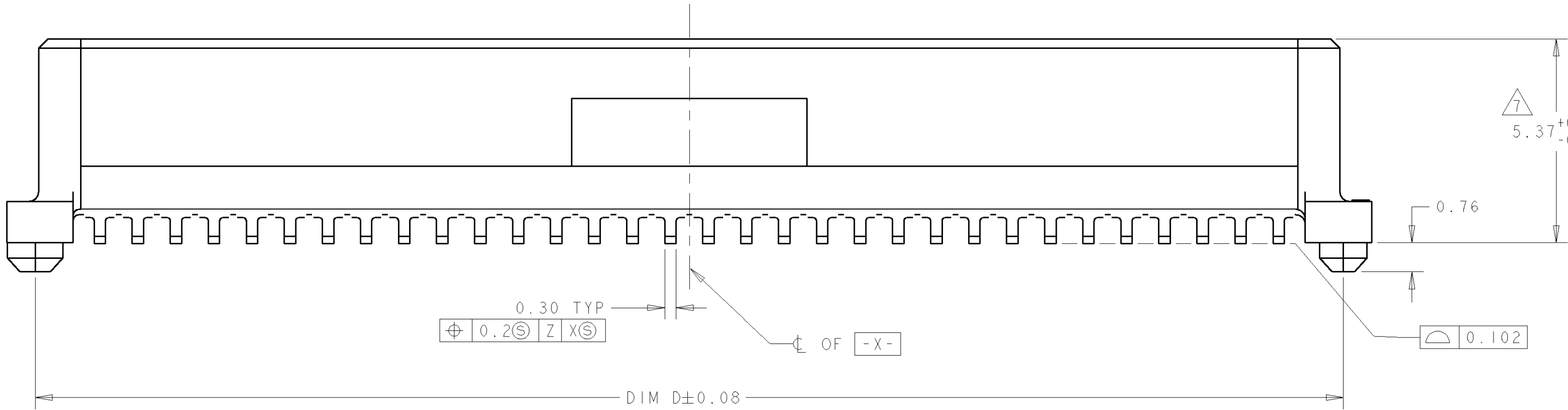
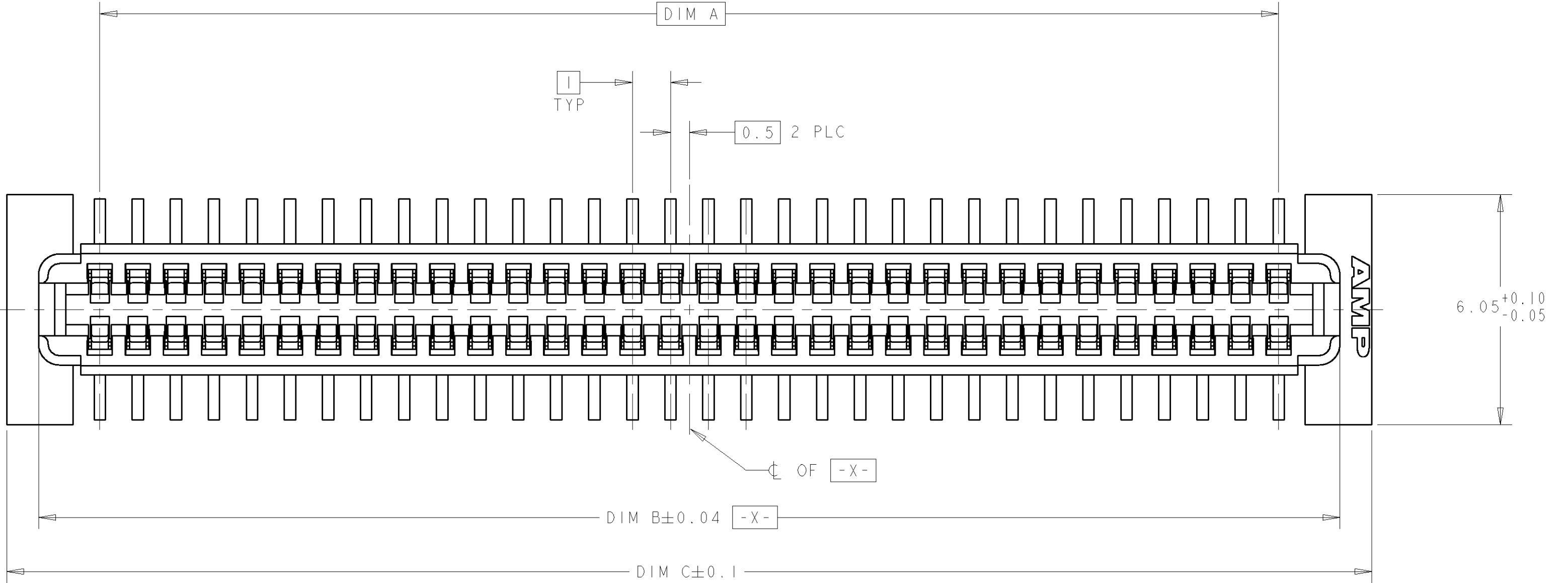
DATUM LOCATIONS AND BASIC DIMENSIONS TO BE ESTABLISHED BY THE  
CUSTOMER. CONSULT AMP ENGINEERING WHEN PLACING MULTIPLE  
CONNECTORS ON A PC BOARD.
- 4

PACKAGED IN TAPE ON REEL PER EIA-481.
- 5

1.5±0.05 DIAMETER HOLE SHOULD BE USED IF PLACED  
ON PCB WITH VACUUM PLACEMENT EQUIPMENT.
- 6

SHORTER SOLDER LANDS MAY BE USED PER EIA 700AAAB, HOWEVER 2.4  
LENGTH ASSURES OPTIMUM SOLDER FILLET REGARDLESS OF  
MANUFACTURER OF CONNECTOR.
- 7

REFERRED TO AS DIM H = 5.30±0.1 IN EIA700AAAB SPECIFICATION.



|       |       |       |       |                  |            |     |          |
|-------|-------|-------|-------|------------------|------------|-----|----------|
| 44.4  | 45.9  | 44.22 | 41    | 120527-2         | 10         | 84  | 120521-2 |
| 44.4  | 45.9  | 44.22 | 41    | 120526-2         | 9          | 84  | 120521-2 |
| 44.4  | 45.9  | 44.22 | 41    | 120525-2         | 8          | 84  | 120521-2 |
| 34.4  | 35.9  | 34.22 | 31    | 120527-1         | 10         | 64  | 120521-1 |
| 34.4  | 35.9  | 34.22 | 31    | 120526-1         | 9          | 64  | 120521-1 |
| 34.4  | 35.9  | 34.22 | 31    | 120525-1         | 8          | 64  | 120521-1 |
| DIM D | DIM C | DIM B | DIM A | MATING CONNECTOR | STACK HGTS | POS | PART NO  |

THIS DRAWING IS A CONTROLLED DOCUMENT FOR AMP INCORPORATED.  
ANY DISCREPANCY TO CHANGE AND THE CONTROLLING ENGINEERING  
ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.

DIMENSIONS:  
mm

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

±

±0.03

±0.003

±

±0°-1°

FINISH

-

7

DWN  
J. REED  
27/11/97

CHK  
L. VO  
27/11/97

APVD  
-

NAME

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

**AMP**

AMP Incorporated  
Harrisburg, PA 17105-3608

RECEPTACLE ASSY, 1.0mm FH(IEEE1386)  
CONNECTOR

SIZE  
A1

CAGE CODE  
00779

DRAWING NO  
C-120521

SCALE  
10:1

SHEET  
1

OF  
1

REV  
F