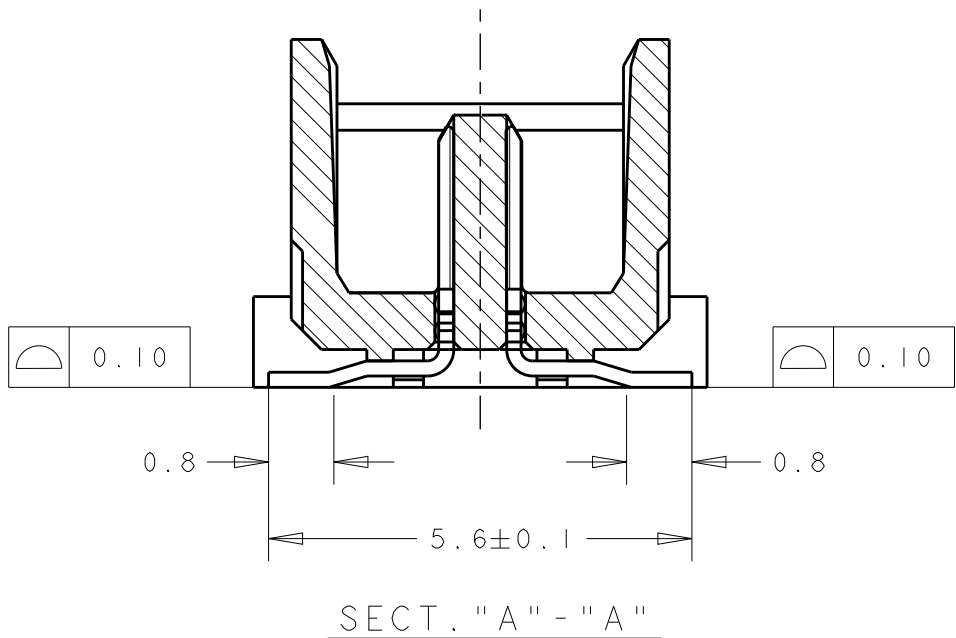
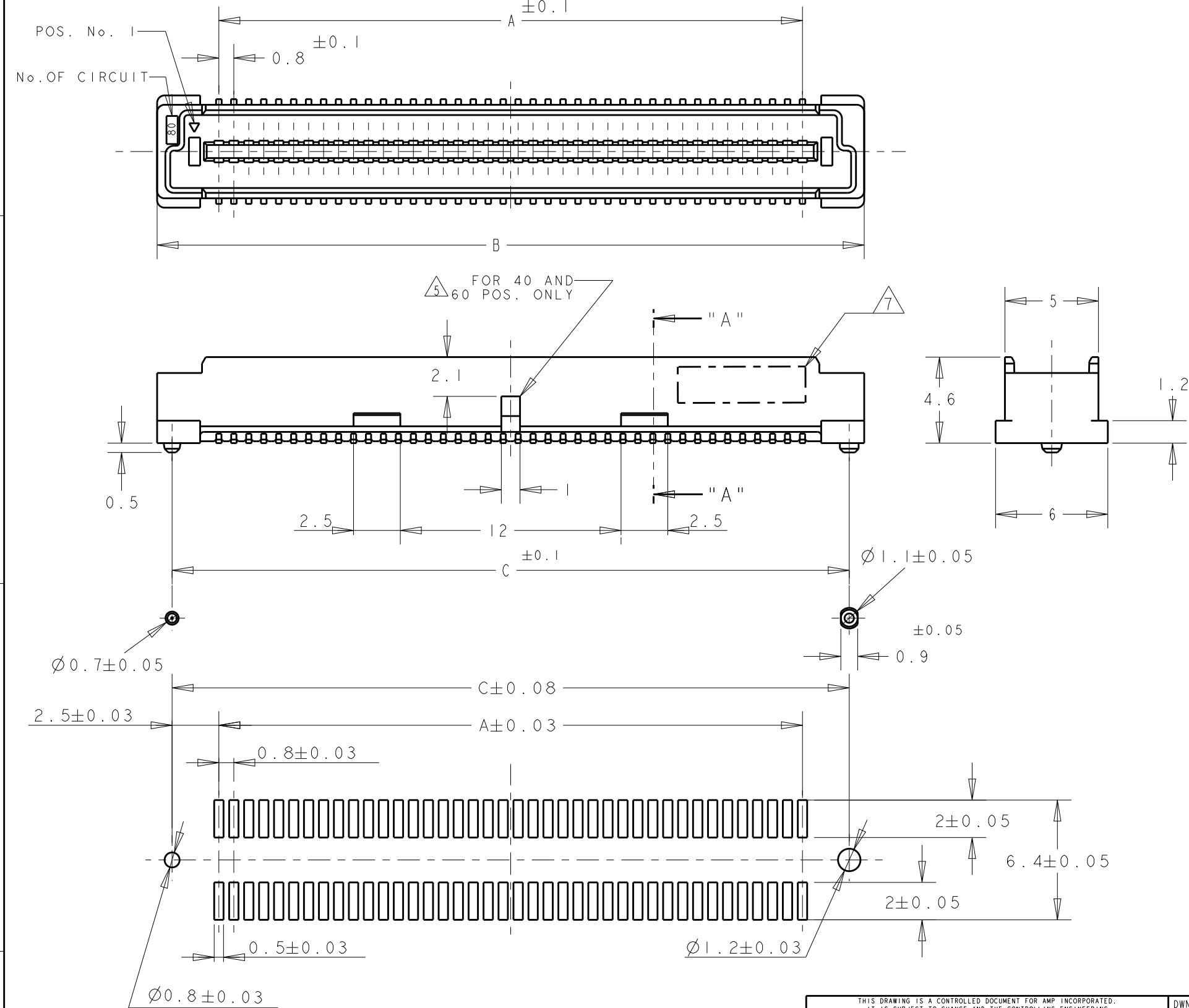


| LOC | DIST | REVISIONS |     |                           |           |      |      |
|-----|------|-----------|-----|---------------------------|-----------|------|------|
|     |      | P         | LTR | DESCRIPTION               | DATE      | DWN  | APVD |
| DY  | -    |           | B   | REVISED PER ECO-17-005566 | 09MAR2017 | B. J | S. Y |



NOTES:

- 1. MATERIAL: HOUSING: L.C.P. (HIGH TEMP THERMO PLASTIC) UL 94V-0, NATURAL. CONTACT: BRASS.
- 2. FINISH: UNDERPLATE: 0.0013 MIN NICKEL ALL OVER. ENGAGEMENT AREA: 0.0002 MIN GOLD. SOLDERING AREA: 0.002 MIN MATTE-TIN.
- 3. POSITION SERIES: SEE TABLE.
- 4. CONN STACK HEIGHT COMBINE OF PLUG "Y" H VS REC "X" H. STACK HEIGHT = Y + X - 5
- 5. CUTOUT FEATURE AVAILABLE ONLY ON P/N -1 (40P) AND -2 (60P).
- 6. FINISH: UNDERPLATE: 0.0013 MIN NICKEL ALL OVER. ENGAGEMENT AREA: 0.00038 MIN GOLD. SOLDERING AREA: 0.002 MIN MATTE-TIN.
- 7. DATECODE MARKING.
- 8. CONNECTOR WITH BLACK HOUSING AND POLYIMIDE COVER

P/N SEE SHEET 2 & 3 OF 3.

RECOMMENDED P.C. BOARD LAYOUT

LOW HALOGEN

|                                                                                                                                                                               |  |                                |                                                                                          |                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------|------------------------------------------------------------------------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT FOR AMP INCORPORATED. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION. |  | DWN<br>FLORENCE TAN<br>30AUG04 | <b>AMP</b> Tyco Electronics Corporation<br>Singapore                                     |                    |
| DIMENSIONS:<br>mm                                                                                                                                                             |  | CHK<br>ERIC TNG                |                                                                                          |                    |
|                                                                                                                                                                               |  | APVD<br>SEIFONG                | NAME<br>PLUG ASSEMBLY 5H TYPE<br>(0.5 BOSS LENGTH)<br>FOR FH 0.8mm PITCH B-T-B CONNECTOR |                    |
|                                                                                                                                                                               |  | PRODUCT SPEC<br>108-5390       |                                                                                          |                    |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:                                                                                                                                        |  | APPLICATION SPEC<br>114-5254   | SIZE<br>A3                                                                               | CAGE CODE<br>00779 |
| MATERIAL                                                                                                                                                                      |  | WEIGHT<br>-                    | DRAWING NO<br>C-5177984                                                                  | SCALE<br>4:1       |
| FINISH<br>SEE TABLE P/N                                                                                                                                                       |  | CUSTOMER DRAWING               | SHEET<br>1                                                                               | OF 3               |
|                                                                                                                                                                               |  |                                | REV<br>B                                                                                 |                    |

4

3

2

1

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LOC

DY

DIST

-

REVISIONS

| P | LTR | DESCRIPTION      | DATE | DWN | APVD |
|---|-----|------------------|------|-----|------|
|   | -   | SEE SHEET 1 OF 3 | -    | -   | -    |

508

+1

-2.5

SECTION A-A

SECTION B-B

P/N 9-912056-5

PLUG ASS'Y (H=5mm, W/STEEL COVER), 0.8mm BTB STACKING CONN

DETAIL A

REFERENCE PICTURE OF TUBE PACK

0.6

±0.3

8.35

±0.3

5.1

±0.3

2.1

±0.3

0.6

±0.3

(8.1)

(11.05)

6.9

±0.3

0.6

±0.3

DETAIL A

WITHOUT POLYIMIDE COVER

15Au-Sn

6

08Au-Sn

2

|      | 5    | 6    | 6    | 7    | 9    | 10   | 12   | 16   | 22 |
|------|------|------|------|------|------|------|------|------|----|
| 84.2 | 76.2 | 68.2 | 60.2 | 52.2 | 44.2 | 36.2 | 28.2 | 20.2 |    |
| 85.8 | 77.8 | 69.8 | 61.8 | 53.8 | 45.8 | 37.8 | 29.8 | 21.8 |    |
| 79.2 | 71.2 | 63.2 | 55.2 | 47.2 | 39.2 | 31.2 | 23.2 | 15.2 |    |
| 200  | 180  | 160  | 140  | 120  | 100  | 80   | 60   | 40   |    |

| FINISH | QTY/TUBE | C | B | A | POS. | CONN P/N  |
|--------|----------|---|---|---|------|-----------|
|        |          |   |   |   |      | 5177984-1 |

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DIMENSIONS:

mm

0 PLC ±

1 PLC ±0.30

2 PLC ±0.25

3 PLC ±0.20

4 PLC ±

ANGLES ±3°

MATERIAL

SEE TABLE P/N

DWN

30AUG04

CHK

ERIC TNG

APVD

SEI FONG

PRODUCT SPEC

108-5390

APPLICATION SPEC

114-5254

WEIGHT

-

CUSTOMER DRAWING

AMP

Tyco Electronics Corporation

Singapore

NAME

PLUG ASSEMBLY 5H TYPE

(0.5 BOSS LENGTH)

FOR FH 0.8mm PITCH B-T-B CONNECTOR

SIZE

A3

CAGE CODE

00779

DRAWING NO

5177984

SCALE

-

SHEET

2

OF

3

REV

B

AMP 1470-19 REV 09MAY94

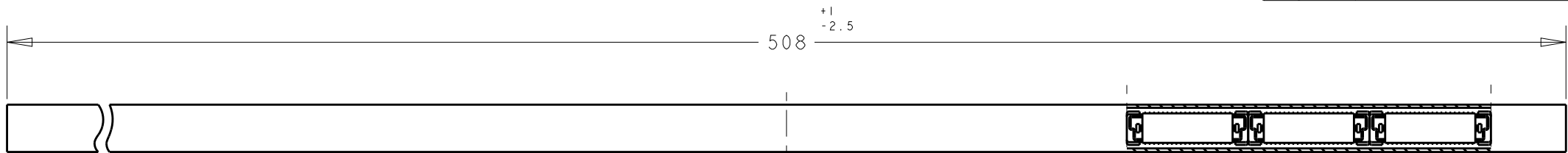
PROJ NO. 593-312

B

A

|                              |                          |                      |
|------------------------------|--------------------------|----------------------|
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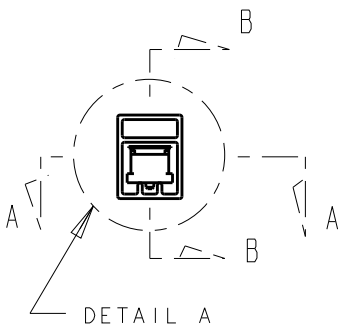
| LOC | DIST | REVISIONS |     |                  |      |      |
|-----|------|-----------|-----|------------------|------|------|
| DY  | -    | P         | LTR | DESCRIPTION      | DATE | APVD |
|     |      | -         |     | SEE SHEET 1 OF 3 | -    | -    |



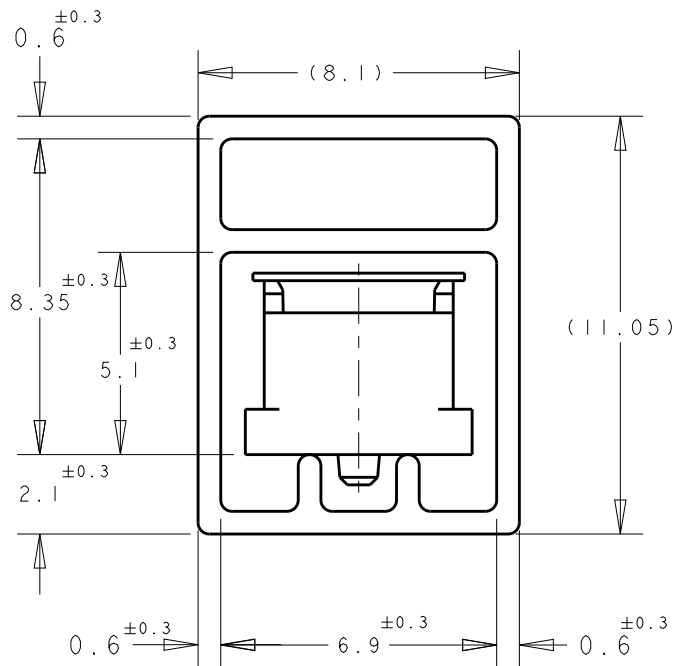
SECT A-A



SECT B-B



REFERENCE PICTURE OF TUBE PACK



DETAIL A

LOW HALOGEN

WITH POLYIMIDE COVER

|         |          |   |      |      |      |      |             |
|---------|----------|---|------|------|------|------|-------------|
| 08Au-Sn | 2        | 7 | 60.2 | 61.8 | 55.2 | 140  | 9-5177984-6 |
| FINISH  | QTY/TUBE | C | B    | A    | POS. | CONN | P/N         |

|                                                                                                                                                                               |                                                                                                                         |                                                                                                                                       |         |                                               |                    |                         |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|---------|-----------------------------------------------|--------------------|-------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT FOR AMP INCORPORATED. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION. |                                                                                                                         | DWN<br>FLORENCE TAN<br>CHK<br>ERIC TNG<br>APVD<br>SEI FONG<br>PRODUCT SPEC<br>108-5390<br>APPLICATION SPEC<br>114-5254<br>WEIGHT<br>- | 30AUG04 | AMP Tyco Electronics Corporation<br>Singapore |                    |                         |  |
| DIMENSIONS:<br>mm                                                                                                                                                             | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ±<br>1 PLC ±0.30<br>2 PLC ±0.25<br>3 PLC ±0.20<br>4 PLC ±<br>ANGLES ±3° | NAME<br>PLUG ASSEMBLY 5H TYPE<br>(0.5 BOSS LENGTH)<br>FOR FH 0.8mm PITCH B-T-B CONNECTOR                                              |         | SIZE<br>A3                                    | CAGE CODE<br>00779 | DRAWING NO<br>C-5177984 |  |
| MATERIAL<br>SEE TABLE P/N                                                                                                                                                     | FINISH<br>SEE TABLE P/N                                                                                                 | CUSTOMER DRAWING                                                                                                                      |         | SCALE<br>-                                    | SHEET<br>3 OF 3    | REV<br>B                |  |