

| LOC |  | DIST |  | REVISIONS |     |                           |           |     |      |
|-----|--|------|--|-----------|-----|---------------------------|-----------|-----|------|
| AD  |  | 00   |  | P         | LTR | DESCRIPTION               | DATE      | DWN | APVD |
|     |  |      |  | P         |     | REVISED PER ECO-14-004696 | 07APR2014 | NK  | JO   |

- 1

CONTACT AREAS PLATED WITH .000030 GOLD,SOLDER TAILS PLATED WITH .000150 TIN-LEAD,ALL OVER .000050 NICKEL
- 2

POINT OF MEASUREMENT FOR GOLD THICKNESS
- 3

CIRCUIT IDENTIFICATION FEATURE OMITTED ON 4,5,6 AND 7 POSITION HEADER ASSEMBLIES
- 4

DIMENSION APPLIES AT BASE OF SHROUD
- 5

THE NOTED DIMENSIONS APPLY AT THE INTERSECTION OF THE POST & HOUSING
- 6

Y

3

Y

4

ARE LOCATED THE SAME AS

Y

1

Y

2

EXCEPT ON OPPOSITE SIDE OF HOUSING.
- 7

CONTACT AREAS PLATED WITH .000030 GOLD,SOLDER TAILS PLATED WITH .000150 TIN,ALL OVER .000050 NICKEL
- 8

FINISH: .000001 MIN GOLD ON GOLD PLATED AREA. .000150-.000250 MATTE TIN-LEAD ON TIN PLATED AREA. UNDER PLATING TO BE .000050-.000100 NICKEL ON ENTIRE CONTACT.
- 9

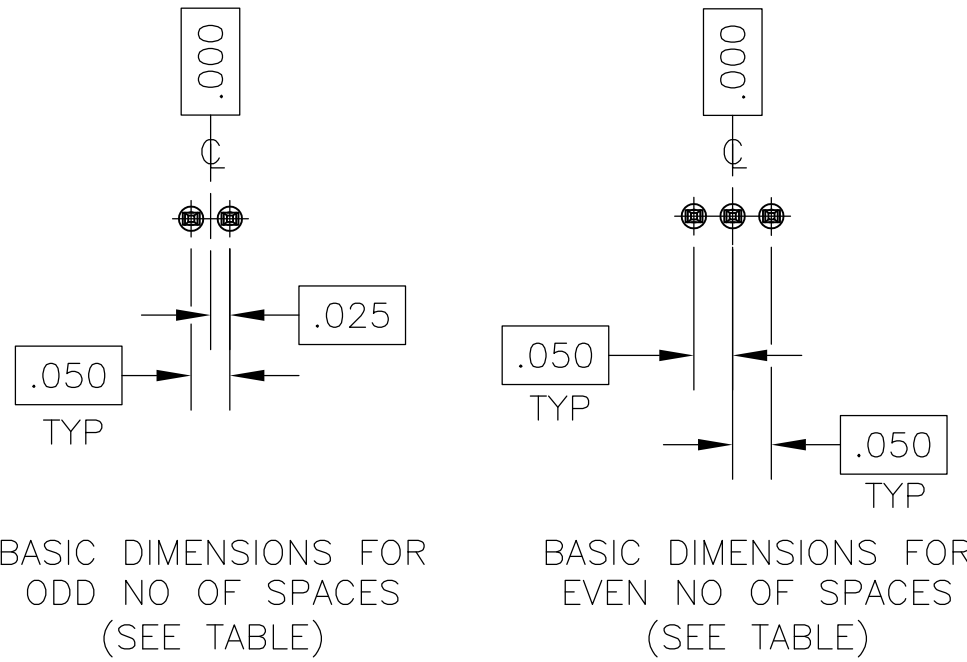
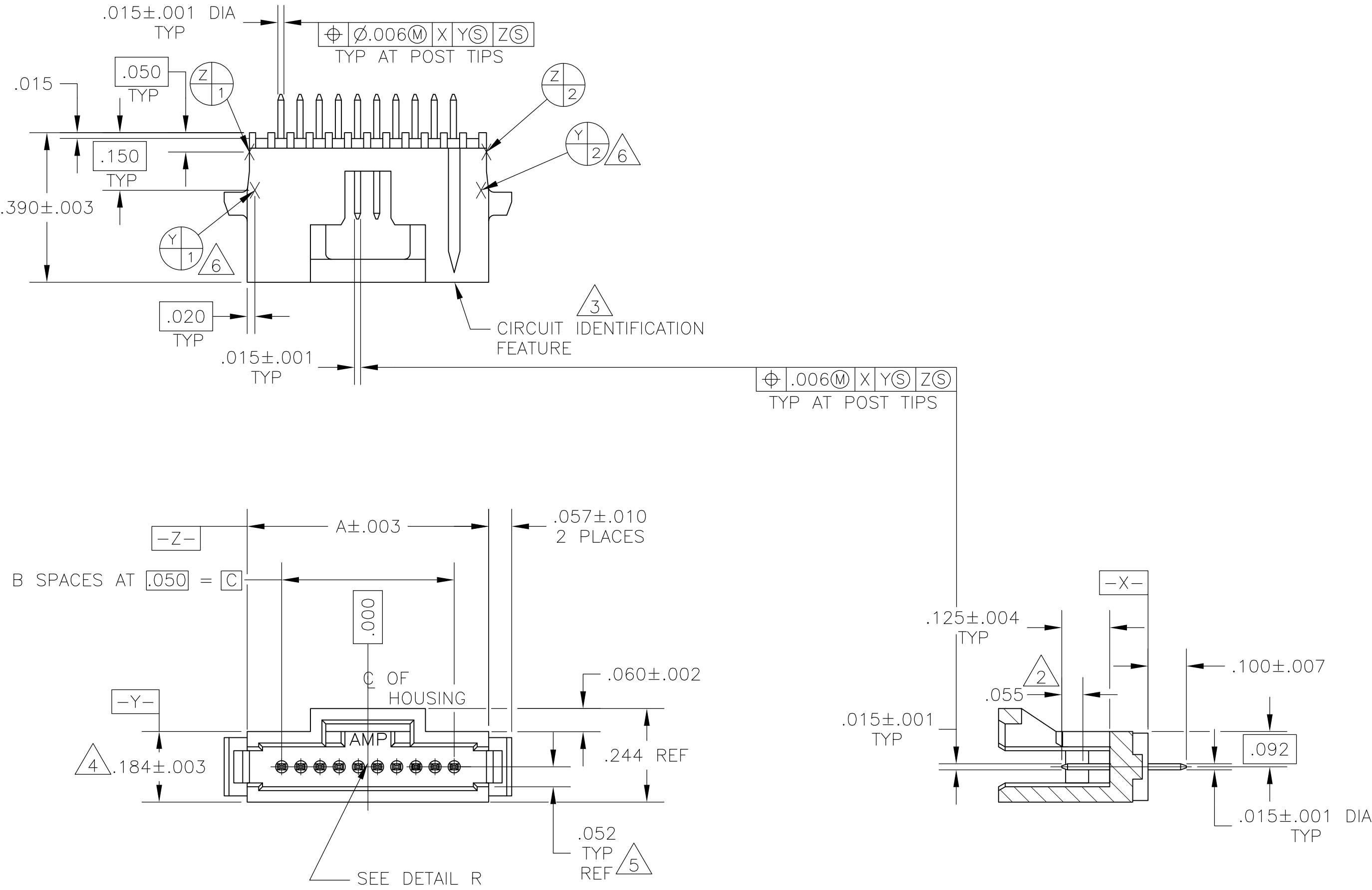
PRELIMINARY - NOT FOR PRODUCTION
- 10

OBSOLETE
- 11

OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI
- 12

SUPERSEDED
- 13

FINISH: .000001 MIN GOLD ON GOLD PLATED AREA. .000150-.000250 MATTE TIN ON TIN PLATED AREA. UNDER PLATING TO BE .000050-.000100 NICKEL ON ENTIRE CONTACT.



RECOMMENDED HOLE PATTERN

|        |       |    |       |            |             |            |
|--------|-------|----|-------|------------|-------------|------------|
| 8      | 1.250 | 25 | 1.430 | 26         | 9           | 4-104071-0 |
|        | 2.450 | 49 | 2.630 | 50         | 9           | 3-104071-9 |
|        | 2.200 | 44 | 2.380 | 45         | 9           | 3-104071-8 |
|        | 1.950 | 39 | 2.130 | 40         | 9           | 3-104071-7 |
|        | 1.750 | 35 | 1.930 | 36         | 9           | 3-104071-6 |
|        | 1.300 | 26 | 1.480 | 27         | 9           | 3-104071-5 |
|        | 1.050 | 21 | 1.230 | 22         | 9           | 3-104071-4 |
|        | .800  | 16 | .980  | 17         | 9           | 3-104071-3 |
|        | .600  | 12 | .780  | 13         | 9           | 3-104071-2 |
|        | .550  | 11 | .730  | 12         | 9           | 3-104071-1 |
|        | .350  | 7  | .530  | 8          | 9           | 3-104071-0 |
|        | .300  | 6  | .480  | 7          | 9           | 2-104071-9 |
|        | .250  | 5  | .430  | 6          | 9           | 2-104071-8 |
|        | .150  | 3  | .330  | 4          | 9           | 2-104071-7 |
|        | 1.450 | 29 | 1.630 | 30         | 9           | 2-104071-6 |
|        | 1.200 | 24 | 1.380 | 25         | 9           | 2-104071-5 |
|        | .950  | 19 | 1.130 | 20         | 9           | 2-104071-4 |
|        | .700  | 14 | .880  | 15         | 9           | 2-104071-3 |
|        | .200  | 4  | .380  | 5          | 9           | 2-104071-2 |
|        | .450  | 9  | .630  | 10         | 9           | 2-104071-1 |
| 1      | 1.250 | 25 | 1.430 | 26         | 10          | 2-104071-0 |
|        | 2.450 | 49 | 2.630 | 50         | 12          | 1-104071-9 |
|        | 2.200 | 44 | 2.380 | 45         | 10          | 1-104071-8 |
|        | 1.950 | 39 | 2.130 | 40         |             | 1-104071-7 |
|        | 1.750 | 35 | 1.930 | 36         |             | 1-104071-6 |
|        | 1.300 | 26 | 1.480 | 27         | 10          | 1-104071-5 |
|        | 1.050 | 21 | 1.230 | 22         |             | 1-104071-4 |
|        | .800  | 16 | .980  | 17         |             | 1-104071-3 |
|        | .600  | 12 | .780  | 13         |             | 1-104071-2 |
|        | .550  | 11 | .730  | 12         |             | 1-104071-1 |
|        | .350  | 7  | .530  | 8          |             | 1-104071-0 |
|        | .300  | 6  | .480  | 7          | 10          | 104071-9   |
|        | .250  | 5  | .430  | 6          |             | 104071-8   |
|        | .150  | 3  | .330  | 4          |             | 104071-7   |
|        | 1.450 | 29 | 1.630 | 30         |             | 104071-6   |
|        | 1.200 | 24 | 1.380 | 25         |             | 104071-5   |
|        | .950  | 19 | 1.130 | 20         |             | 104071-4   |
|        | .700  | 14 | .880  | 15         |             | 104071-3   |
|        | .200  | 4  | .380  | 5          |             | 104071-2   |
|        | .450  | 9  | .630  | 10         |             | 104071-1   |
| FINISH | C     | B  | A     | NO OF POSN | PART NUMBER |            |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN  
K. K. HELM  
CHK  
H. MOLL  
APVD  
R. DURBIN

12-19-88  
12-19-88  
12-19-88

DIMENSIONS:  
INCHES

0 PLC  
1 PLC  
2 PLC  
3 PLC  
4 PLC  
ANGLES

± -  
± -  
± -  
± -  
± -  
± -

MATERIAL  
HOUSING:THERMOPLASTIC  
COLOR:BLACK  
CONTACT:COOPER ALLOY

SEE TABLE

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

0 PLC  
1 PLC  
2 PLC  
3 PLC  
4 PLC  
ANGLES

± -  
± -  
± -  
± -  
± -  
± -

PRODUCT SPEC  
108-1093

APPLICATION SPEC  
114-25031

WEIGHT  
-

CUSTOMER DRAWING

NAME  
HEADER ASSEMBLY,VERTICAL, SINGLE ROW,  
W/SIDE & END LATCHES, AMPMODU® System 50

SIZE  
A1

CAGE CODE  
00779

DRAWING NO  
104071

RESTRICTED TO  
-

SCALE  
4:1

SHEET  
1 OF 2

REV  
P

TE Connectivity

TE Connectivity

4805 (3/11)

8

7

6

5

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

ALL RIGHTS RESERVED.

LOC

DIST

AD

00

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

1.3

|       |    |       |    |                                    |            |
|-------|----|-------|----|------------------------------------|------------|
| 1.250 | 25 | 1.430 | 26 | <div><div></div><div>9</div></div> | 9-104071-0 |
| 2.450 | 49 | 2.630 | 50 | <div><div></div><div>9</div></div> | 8-104071-9 |
| 2.200 | 44 | 2.380 | 45 | <div><div></div><div>9</div></div> | 8-104071-8 |
| 1.950 | 39 | 2.130 | 40 | <div><div></div><div>9</div></div> | 8-104071-7 |
| 1.750 | 35 | 1.930 | 36 | <div><div></div><div>9</div></div> | 8-104071-6 |
| 1.300 | 26 | 1.480 | 27 | <div><div></div><div>9</div></div> | 8-104071-5 |
| 1.050 | 21 | 1.230 | 22 | <div><div></div><div>9</div></div> | 8-104071-4 |
| .800  | 16 | .980  | 17 | <div><div></div><div>9</div></div> | 8-104071-3 |
| .600  | 12 | .780  | 13 | <div><div></div><div>9</div></div> | 8-104071-2 |
| .550  | 11 | .730  | 12 | <div><div></div><div>9</div></div> | 8-104071-1 |
| .350  | 7  | .530  | 8  | <div><div></div><div>9</div></div> | 8-104071-0 |
| .300  | 6  | .480  | 7  | <div><div></div><div>9</div></div> | 7-104071-9 |
| .250  | 5  | .430  | 6  | <div><div></div><div>9</div></div> | 7-104071-8 |
| .150  | 3  | .330  | 4  |                                    | 7-104071-7 |
| 1.450 | 29 | 1.630 | 30 | <div><div></div><div>9</div></div> | 7-104071-6 |
| 1.200 | 24 | 1.380 | 25 | <div><div></div><div>9</div></div> | 7-104071-5 |
| .950  | 19 | 1.130 | 20 |                                    | 7-104071-4 |
| .700  | 14 | .880  | 15 | <div><div></div><div>9</div></div> | 7-104071-3 |
| .200  | 4  | .380  | 5  | <div><div></div><div>9</div></div> | 7-104071-2 |
| .450  | 9  | .630  | 10 | <div><div></div><div>9</div></div> | 7-104071-1 |

7

|       |    |       |    |                                     |            |
|-------|----|-------|----|-------------------------------------|------------|
| 1.250 | 25 | 1.430 | 26 | <div><div></div><div>11</div></div> | 7-104071-0 |
| 2.450 | 49 | 2.630 | 50 |                                     | 6-104071-9 |
| 2.200 | 44 | 2.380 | 45 | <div><div></div><div>11</div></div> | 6-104071-8 |
| 1.950 | 39 | 2.130 | 40 |                                     | 6-104071-7 |
| 1.750 | 35 | 1.930 | 36 |                                     | 6-104071-6 |
| 1.300 | 26 | 1.480 | 27 | <div><div></div><div>11</div></div> | 6-104071-5 |
| 1.050 | 21 | 1.230 | 22 |                                     | 6-104071-4 |
| .800  | 16 | .980  | 17 |                                     | 6-104071-3 |
| .600  | 12 | .780  | 13 | <div><div></div><div>11</div></div> | 6-104071-2 |
| .550  | 11 | .730  | 12 |                                     | 6-104071-1 |
| .350  | 7  | .530  | 8  |                                     | 6-104071-0 |
| .300  | 6  | .480  | 7  | <div><div></div><div>11</div></div> | 5-104071-9 |
| .250  | 5  | .430  | 6  |                                     | 5-104071-8 |
| .150  | 3  | .330  | 4  |                                     | 5-104071-7 |
| 1.450 | 29 | 1.630 | 30 |                                     | 5-104071-6 |
| 1.200 | 24 | 1.380 | 25 |                                     | 5-104071-5 |
| .950  | 19 | 1.130 | 20 |                                     | 5-104071-4 |
| .700  | 14 | .880  | 15 |                                     | 5-104071-3 |
| .200  | 4  | .380  | 5  |                                     | 5-104071-2 |
| .450  | 9  | .630  | 10 |                                     | 5-104071-1 |

FINISH

C

B

A

NO OF POSN

PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
INCHES

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± .005

4 PLC ± -

ANGLES ± ±

TOLERANCES UNLESS OTHERWISE SPECIFIED:

FINISH

DWN  
K. HELM  
12-19-88

CHK  
H. MOLL  
12-19-88

APVD  
R. DURBIN  
12-19-88

TE Connectivity

NAME  
HEADER ASSEMBLY,VERTICAL, SINGLE ROW,  
W/SIDE & END LATCHES, AMPMODU System 50

PRODUCT SPEC  
108-1093

APPLICATION SPEC  
114-25031

SIZE  
A1

CAGE CODE  
00779

DRAWING NO  
104071

RESTRICTED TO  
-

WEIGHT  
-

CUSTOMER DRAWING

SCALE  
4:1

SHEET  
2

OF  
2

REV  
P

4805 (3/11)