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LOC  
DW

DIST  
/

REVISIONS

| P | LTR | DESCRIPTION            | DATE    | DWN | APVD |
|---|-----|------------------------|---------|-----|------|
|   | D2  | REVISED. ECR-12-013026 | 22MAR13 | K.M | E.T  |

1.905  
[.0750]  
TYP

0.952  
[.0370]

1.32  
[.052]

2.20±0.10  
[.087±.004]

2.70±0.10  
[.106±.004]

4.99  
[.196]

1.27  
[.050]  
TYP

Ø OF DATUM X

DETAIL D  
SCALE 8:1

△ H  
POSITION

△ J  
POSITION

△ G  
POSITION

±0.15  
[±.006]

±0.10  
[±.004]

PIN 1

DATE CODE

HOUSING

LOGO

RETENTION LEG  
2 PLACES

CONTACT  
AS REQUIRED  
SEE TABLE

0.50 REF  
[.020]  
TYP

0.30  
[.012]  
TYP

0.30  
[.012]  
TYP

0.30  
[.012]  
TYP

1.17  
[.046]

2.54±0.20  
[.100±.008]  
2 PLC

PIN 1

DIM B

SEE DETAIL D

NOTE:  
1. MATERIAL:  
HOUSING: LCP, MOLDING COMPOUND, UL 94V-0, BLACK COLOR.  
CONTACTS: PHOSPHOR BRONZE.  
BOARDLOCKS: BRASS.  
2. FINISH:  
CONTACTS: (SEE TABLE) GOLD PLATED ON CONTACT AREA,  
3.81µm [150µ"] MIN. MATTE-TIN ON SOLDERTAIL,  
1.27µm [50µ"] MIN. NICKEL UNDERPLATED OVERALL.  
BOARDLOCKS: 3.81µm [150µ"] MIN. TIN-Cu OVER  
1.27µm [50µ"] MIN. UNDERPLATED.  
△ G, J, H INDICATE NUMBER OF POSITION MARKED ON ASSEMBLY.  
ALSO SEE TABLE.  
△ ALL DIMENSIONS SHOWN ARE MAXIMUM UNLESS OTHERWISE SPECIFIED.  
△ RETENTION LEGS NOT PRESENT.  
△ TOP OF RETENTION LEG MAY NOT PROTRUDE ABOVE THIS SURFACE.  
△ HOUSING BOW UP TO 0.30 [.012] ALLOWED.  
8. 60 POSITION AS SHOWN.  
9. WAVE SOLDER CAPABLE TO 265°C PER TEST SPEC.  
109-202, CONDITION B.  
△ GOLD FLASH OVER  
0.762µm [30µ"] MIN. PALLADIUM-NICKEL PLATED.

7.10  
[.280]  
-X-

±0.25  
[±.010]  
TYP

10.00  
+0.07  
-0.10  
[.394  
+0.003  
-0.004]

2.96±0.11  
[.116±.004]

0.32 REF  
[.013]  
TYP

0.30  
[.012]  
TYP

0.30  
[.012]  
TYP

0.30  
[.012]  
TYP

2 PLACES

2 PLACES

2 PLACES

0.80-1.60  
[.031-.063]

2.54  
[.100]

125.65  
[4.947]

123.01  
[4.843]

121.37  
[4.778]

90

180

91

GOLD FLASH

5-1734100-8

3-1734100-8

1-1734100-8

180

0.80-1.60  
[.031-.063]

2.54  
[.100]

112.95  
[4.447]

110.31  
[4.343]

108.67  
[4.278]

80

160

81

GOLD FLASH

5-1734100-6

3-1734100-6

1-1734100-6

160

0.80-1.60  
[.031-.063]

2.54  
[.100]

93.90  
[3.697]

91.26  
[3.593]

89.62  
[3.528]

65

130

66

GOLD FLASH

5-1734100-3

3-1734100-3

1-1734100-3

130

0.80-1.60  
[.031-.063]

2.54  
[.100]

87.55  
[3.447]

84.91  
[3.343]

83.27  
[3.278]

60

120

61

GOLD FLASH

5-1734100-2

3-1734100-2

1-1734100-2

120

2.08  
[.082]

3.17  
[.125]

74.85  
[2.947]

72.21  
[2.843]

70.57  
[2.778]

50

100

51

GOLD FLASH

5-1734100-1

3-1734100-1

1-1734100-1

100

0.80-1.60  
[.031-.063]

2.54  
[.100]

74.85  
[2.947]

72.21  
[2.843]

70.57  
[2.778]

50

100

51

GOLD FLASH

5-1734100-0

3-1734100-0

1-1734100-0

100

0.80-1.60  
[.031-.063]

2.54  
[.100]

62.15  
[2.447]

59.51  
[2.343]

57.87  
[2.278]

40

80

41

GOLD FLASH

4-1734100-9

2-1734100-9

1734100-9

80

0.80-1.60  
[.031-.063]

2.54  
[.100]

62.15  
[2.447]

59.51  
[2.343]

57.87  
[2.278]

40

80

41

GOLD FLASH

4-1734100-8

2-1734100-8

1734100-8

80

0.80-1.60  
[.031-.063]

2.54  
[.100]

54.53  
[2.147]

57.89  
[2.043]

50.25  
[1.978]

34

68

35

GOLD FLASH

4-1734100-7

2-1734100-7

1734100-7

68

0.80-1.60  
[.031-.063]

2.54  
[.100]

49.45  
[1.947]

45.81  
[1.843]

45.17  
[1.778]

30

60

31

GOLD FLASH

4-1734100-6

2-1734100-6

1734100-6

60

2.08  
[.082]

3.17  
[.125]

43.10  
[1.697]

40.46  
[1.593]

38.82  
[1.528]

25

50

26

GOLD FLASH

5-1734100-9

3-1734100-9

1-1734100-9

50

0.80-1.60  
[.031-.063]

2.54  
[.100]

43.10  
[1.697]

40.46  
[1.593]

38.82  
[1.528]

25

50

26

GOLD FLASH

4-1734100-5

2-1734100-5

1734100-5

50

0.80-1.60  
[.031-.063]

2.54  
[.100]

36.75  
[1.447]

34.11  
[1.343]

32.47  
[1.278]

20

40

21

GOLD FLASH

4-1734100-4

2-1734100-4

1734100-4

40

0.80-1.60  
[.031-.063]

2.54  
[.100]

30.40  
[1.197]

27.76  
[1.093]

26.12  
[1.025]

15

30

16

GOLD FLASH

4-1734100-3

2-1734100-3

1734100-3

30

2.08  
[.082]

3.17  
[.125]

24.05  
[.947]

21.41  
[.843]

19.77  
[.778]

10

20

11

GOLD FLASH

4-1734100-2

2-1734100-2

1734100-2

20

PCB THICKNESS

E

C

B

A

G

J

H

CONTACT PLATED

PART NUMBER

POS.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
mm

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± -

4 PLC ± -

ANGLES ± -

FINISH SEE NOTE

± -

± -

± -

± -

± -

± -

SEE NOTE

△

△

DWN  
F. YANG  
31MAR2009

CHK  
S. CHIEN  
31MAR2009

APVD  
W. KODAMA  
31MAR2009

PRODUCT SPEC  
108-57876

APPLICATION SPEC  
-

WEIGHT  
-

CUSTOMER DRAWING

TE Connectivity

PLUG ASSEMBLY, VERTICAL  
BOARD-TO-BOARD,  
CHAMP .050, SERIES I

SIZE  
A3

CAGE CODE  
00779

DRAWING NO  
C-1734100

RESTRICTED TO  
-

SCALE  
-

SHEET  
1 of 4

REV  
D2

1470-19 (3/11)

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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

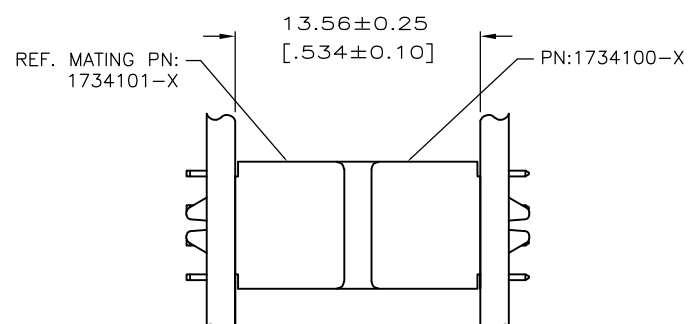
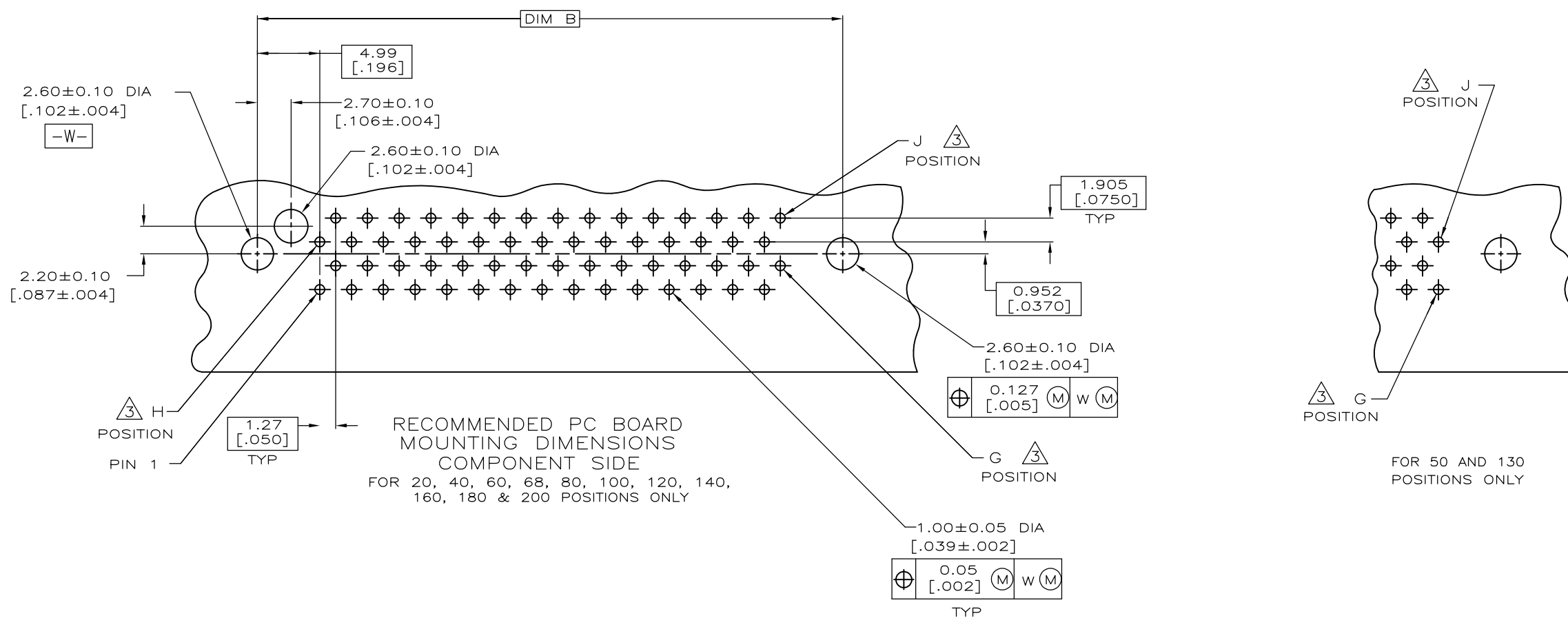
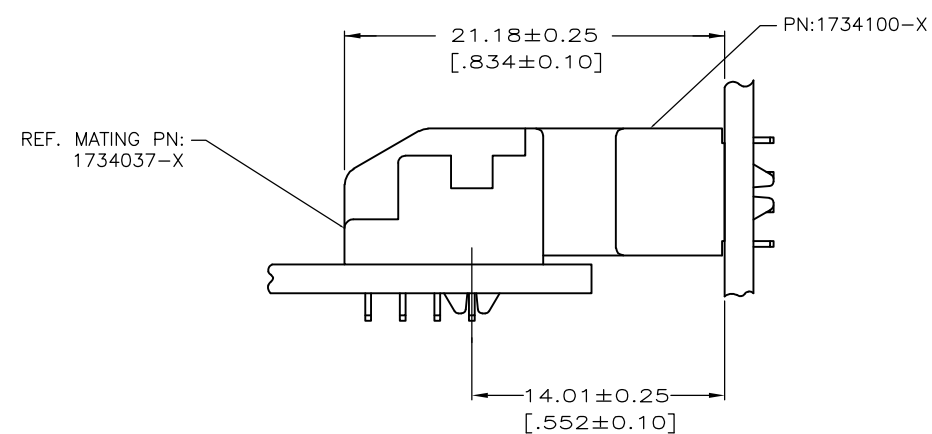
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SEE SHEET 1

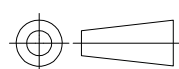
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-

-

VERTICAL PLUG ASSEMBLY MATED  
TO VERTICAL RECEPTACLE ASSEMBLYVERTICAL PLUG ASSEMBLY MATED  
TO RIGHT ANGLE RECEPTACLE ASSEMBLY

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
mmTOLERANCES UNLESS  
OTHERWISE SPECIFIED:

|        |   |   |
|--------|---|---|
| 0 PLC  | ± | - |
| 1 PLC  | ± | - |
| 2 PLC  | ± | - |
| 3 PLC  | ± | - |
| 4 PLC  | ± | - |
| ANGLES | ± | - |
| FINISH |   |   |

MATERIAL

DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

**STE**

TE Connectivity

NAME

PLUG ASSEMBLY, VERTICAL  
BOARD-TO-BOARD,  
CHAMP .050, SERIES I

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A300779

C-1734100

SCALE

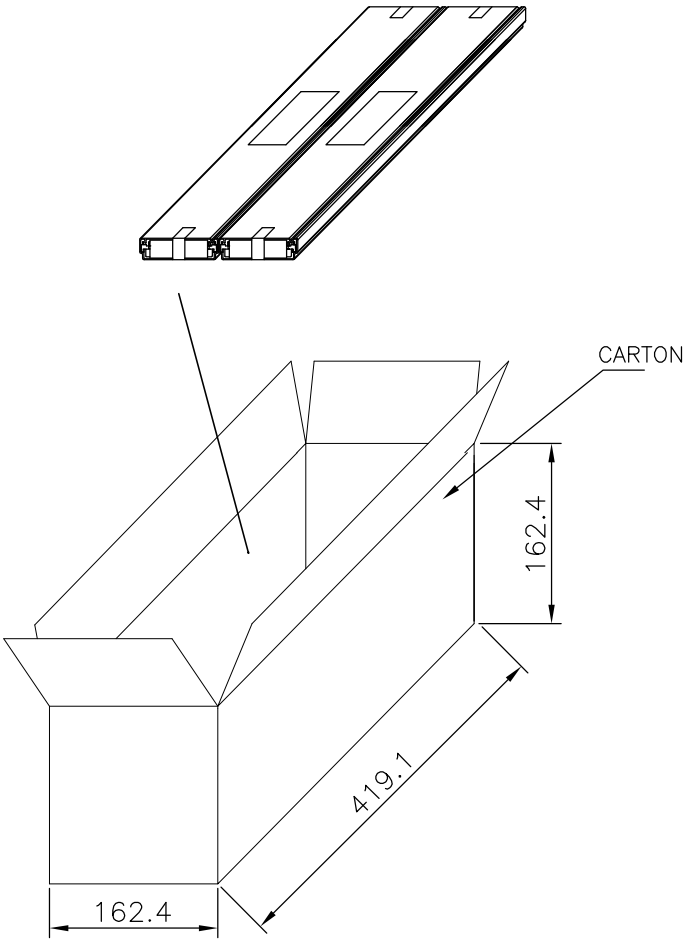
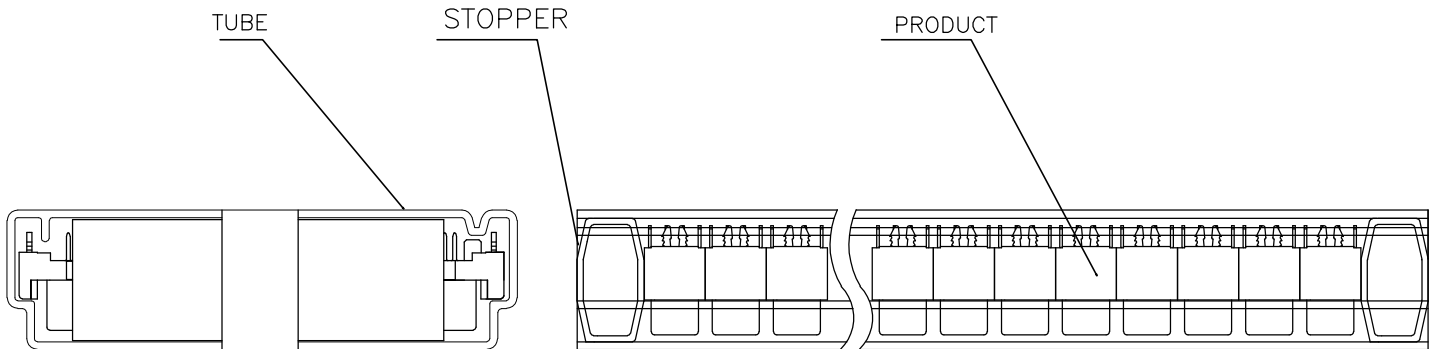
SHEET

2 OF 4

REV

D2

| LOC |  | DIST |  | REVISIONS |     |             |      |     |      |
|-----|--|------|--|-----------|-----|-------------|------|-----|------|
| DW  |  |      |  | P         | LTR | DESCRIPTION | DATE | DWN | APVD |
|     |  |      |  |           | —   | SEE SHEET 1 | —    | —   | —    |



|   |             |          |             |          |              |                          |                                                                     |                            |
|---|-------------|----------|-------------|----------|--------------|--------------------------|---------------------------------------------------------------------|----------------------------|
| ② | OBSOLETE    | 4.88     | 3.42        | 54       | 8            | 432                      | 5-1734100-2<br>3-1734100-2<br>1-1734100-2                           | 120                        |
|   |             | 7.70     | 5.58        | 54       | 16           | 864                      | 5-1734100-0<br>3-1734100-0<br>1-1734100-0                           | 100                        |
|   |             |          |             |          |              |                          | 4-1734100-9                                                         | 80                         |
|   |             | 5.28     | 3.80        | 54       | 16           | 864                      | 2-1734100-9<br>1734100-9<br>4-1734100-8<br>2-1734100-8<br>1734100-8 |                            |
|   |             | 5.38     | 3.90        |          |              |                          |                                                                     |                            |
|   |             |          |             |          |              |                          |                                                                     |                            |
|   |             | 4.76     | 3.37        | 54       | 16           | 864                      | 4-1734100-7<br>2-1734100-7<br>1734100-7                             | 68                         |
|   |             | 4.36     | 3.11        | 54       | 16           | 864                      | 4-1734100-6<br>2-1734100-6<br>1734100-6                             | 60                         |
|   |             | OBSOLETE |             |          |              |                          |                                                                     | 5-1734100-9<br>3-1734100-9 |
|   | 5.72        |          | 4.08        | 54       | 24           | 1296                     | 1-1734100-9<br>4-1734100-5<br>2-1734100-5<br>1734100-5              |                            |
|   |             |          |             |          |              |                          |                                                                     |                            |
|   | 5.70        |          | 4.07        |          |              |                          |                                                                     |                            |
|   | 4.77        |          | 3.50        | 54       | 24           | 1296                     | 4-1734100-4<br>2-1734100-4<br>1734100-4                             | 40                         |
|   | 4.46        |          | 3.03        | 54       | 24           | 1296                     | 4-1734100-3<br>2-1734100-3<br>1734100-3                             | 30                         |
|   | G.W./CARTON |          | N.W./CARTON | PCS/TUBE | TUBES/CARTON | QUANTITY/CARTON<br>(PCS) | PART NUMBER                                                         | POS.                       |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
mm

MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± —  
1 PLC ± —  
2 PLC ± —  
3 PLC ± —  
4 PLC ± —  
ANGLES ± —  
FINISH

DWN —  
CHK —  
APVD —  
PRODUCT SPEC —  
APPLICATION SPEC —  
WEIGHT —

STE

TE Connectivity

PLUG ASSEMBLY, VERTICAL  
BOARD-TO-BOARD,  
CHAMP .050, SERIES I

SIZE  
A3

CAGE CODE  
00779

DRAWING NO  
C-1734100

RESTRICTED TO

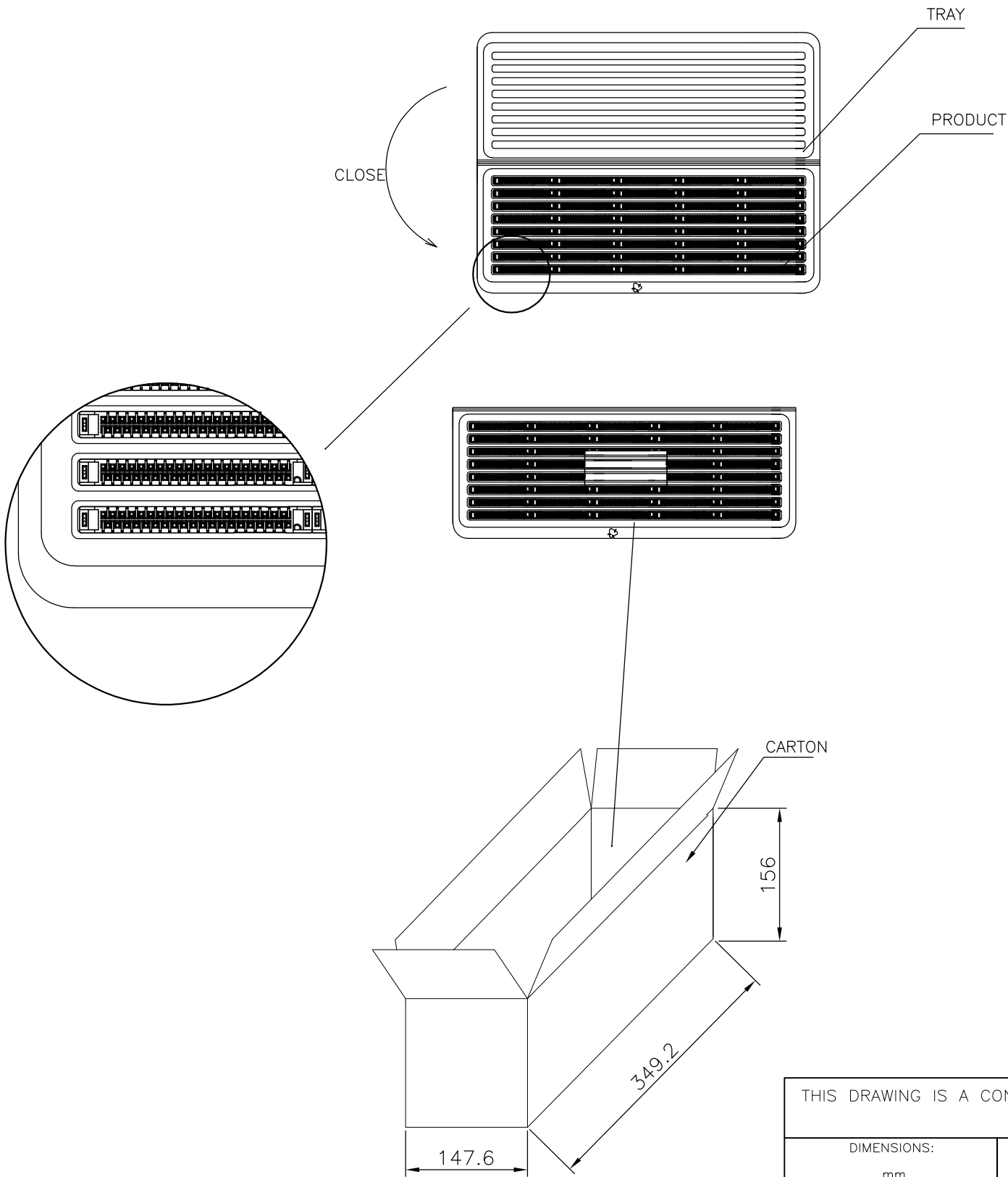
CUSTOMER DRAWING

SCALE —

SHEET 3 of 4

REV D2

| LOC | DIST | REVISIONS   |      |     |      |  |
|-----|------|-------------|------|-----|------|--|
| P   | LTR  | DESCRIPTION | DATE | DWN | APVD |  |
|     | —    | SEE SHEET 1 | —    | —   | —    |  |



|             |                  |                  |          |              |                       |             |      |
|-------------|------------------|------------------|----------|--------------|-----------------------|-------------|------|
| D2 OBSOLETE | 2.85             | 1.97             | 16       | 10           | 160                   | 5-1734100-8 | 180  |
|             |                  |                  |          |              |                       | 3-1734100-8 |      |
|             |                  |                  |          |              |                       | 1-1734100-8 |      |
|             | 2.62             | 1.73             | 16       | 10           | 160                   | 5-1734100-6 | 160  |
|             |                  |                  |          |              |                       | 3-1734100-6 |      |
|             |                  |                  |          |              |                       | 1-1734100-6 |      |
|             | G.W./CARTON (KG) | N.W./CARTON (KG) | PCS/TRAY | TRAYS/CARTON | QUANTITY/CARTON (PCS) | PART NUMBER | POS. |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
mm

MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± —  
1 PLC ± —  
2 PLC ± —  
3 PLC ± —  
4 PLC ± —  
ANGLES ± —  
FINISH

DWN —  
CHK —  
APVD —  
PRODUCT SPEC —  
APPLICATION SPEC —  
WEIGHT —

TE Connectivity

PLUG ASSEMBLY, VERTICAL  
BOARD-TO-BOARD,  
CHAMP .050, SERIES I

SIZE A3  
CAGE CODE 00779  
DRAWING NO C-1734100

RESTRICTED TO

CUSTOMER DRAWING

SCALE —

SHEET 4 OF 4

REV D2

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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Skype отдела продаж:

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moschip.ru\_9