

4

3

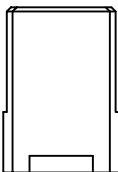
2

1

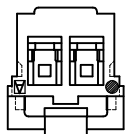
| REVISIONS |     |               |           |     |      |
|-----------|-----|---------------|-----------|-----|------|
| P         | LTR | DESCRIPTION   | DATE      | DWN | APVD |
|           | E1  | ECR-17-013211 | 08SEP2017 | M.G | D.Z  |

D

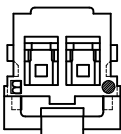
(2 POS.)



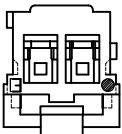
KEY A



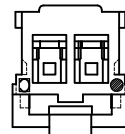
KEYB



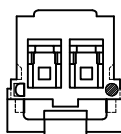
KEY E



KEY C

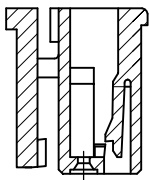
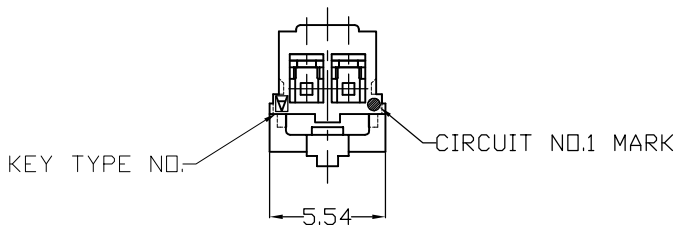


KEY D

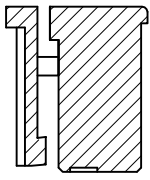


- NOTE:
1. GENERAL TOLERANCE:  $\pm 0.3$ ,  $\pm 3^\circ$
  2. MATERIAL: 66NYLON GF(UL94V-0)
  3. MATING CONN. P/N: SEE TABLE
  4. APPLICABLE CONTACT P/N:  
1971031-1

C

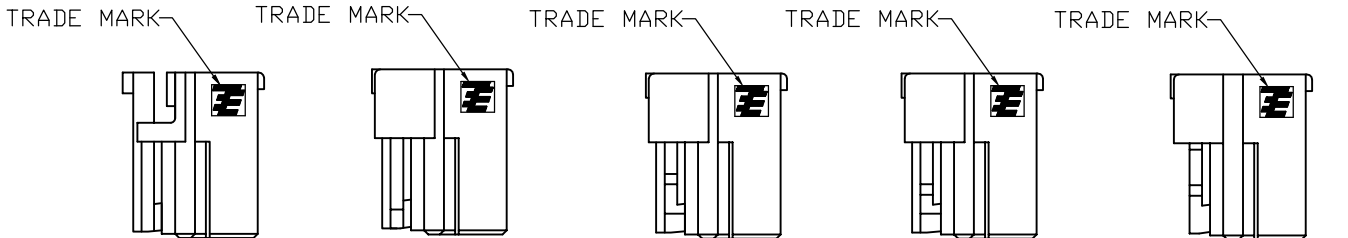
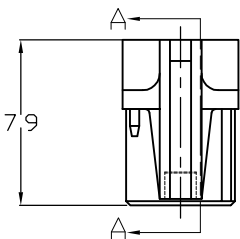
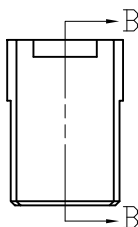


SEC. B-B



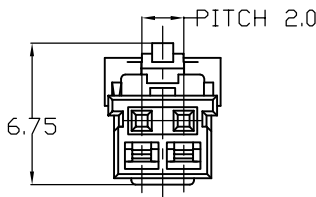
SEC. D-D

B



(2 POS.) (3~4 POS.) (5 POS.) (6~8 POS.) (9~10 POS.)

A



|                                        |  |                                  |                                                               |                    |                         |
|----------------------------------------|--|----------------------------------|---------------------------------------------------------------|--------------------|-------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>Liu Jimmy<br>11JUN2008    | TE Connectivity                                               |                    |                         |
| DIMENSIONS:<br>mm                      |  | CHK<br>Wu happye<br>11JUN2008    |                                                               |                    |                         |
|                                        |  | APVD<br>Zhou Julian<br>11JUN2008 | NAME<br>Grace Inertia Connector 2.0 EV Series<br>Plug Housing |                    |                         |
|                                        |  | PRODUCT SPEC<br>108-106001       | APPLICATION SPEC                                              |                    |                         |
| MATERIAL<br>SEE NOTE                   |  | WEIGHT<br>0                      | SIZE<br>A2                                                    | CAGE CODE<br>00779 | DRAWING NO<br>C-1971030 |
|                                        |  | CUSTOMER DRAWING                 |                                                               | SCALE<br>4:1       | SHEET<br>1 of 3         |
|                                        |  |                                  |                                                               | REV<br>E1          |                         |

D

C

B

A

1971030

4

3

2

1

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

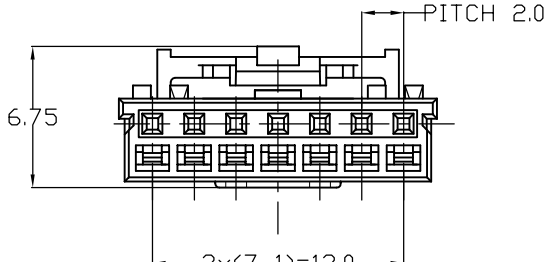
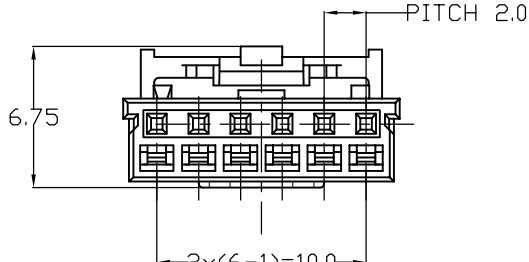
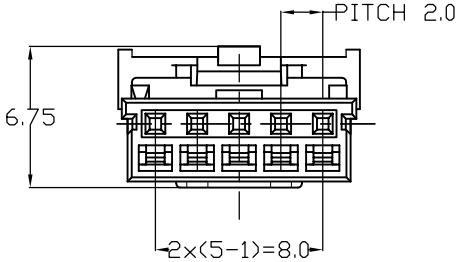
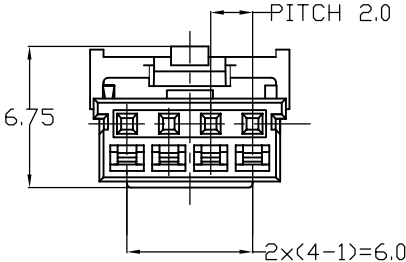
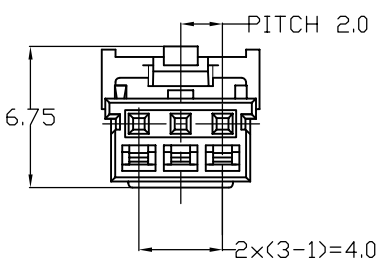
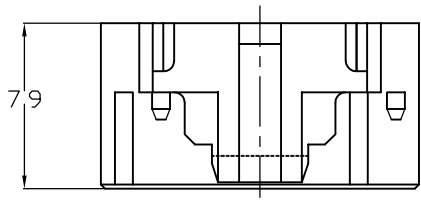
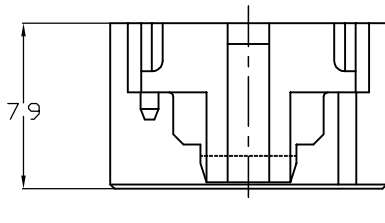
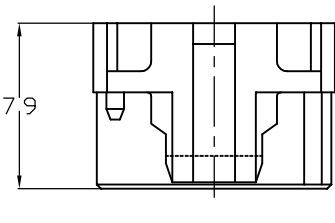
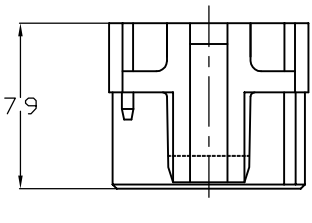
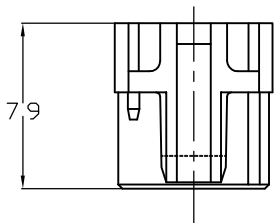
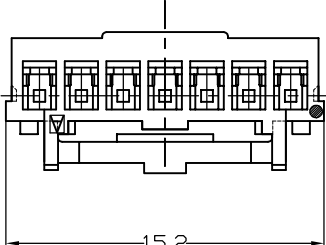
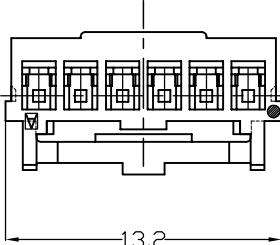
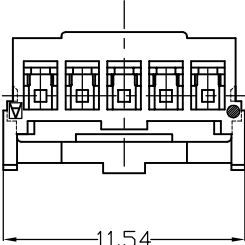
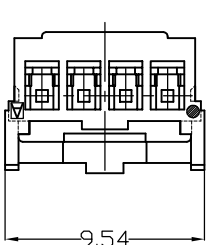
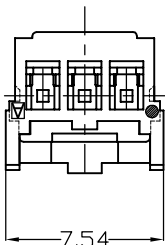
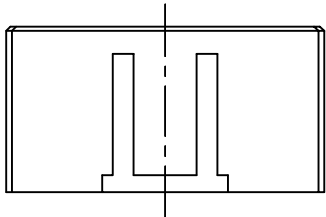
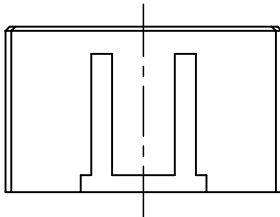
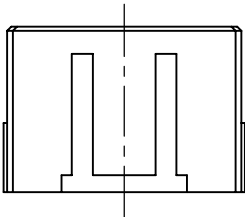
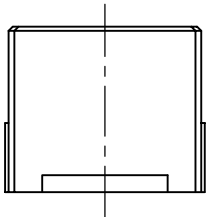
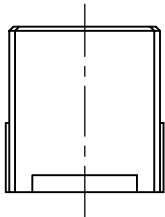
(3 POS.)

(4 POS.)

(5 POS.)

(6 POS.)

(7 POS.)



D

C

B

A

D

C

B

A

1971030

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  
Liu Jimmy  
11JUN2008

CHK  
Wu Hapye  
11JUN2008

APVD  
Zhou Julian  
11JUN2008

PRODUCT SPEC  
108-106001

APPLICATION SPEC  
114-5425

WEIGHT  
-

CUSTOMER DRAWING

TE Connectivity

NAME  
Grace Inertia Connector 2.0 EV Series  
Plug Housing

SIZE  
A2

CAGE CODE  
00779

DRAWING NO  
C-1971030

RESTRICTED TO  
-

SCALE  
4:1

SHEET  
2 OF 3

REV  
E1

4

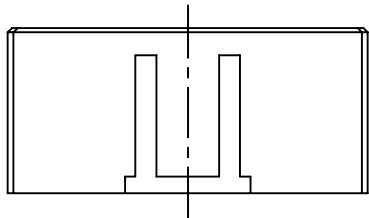
3

2

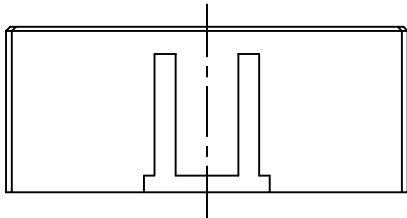
1

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

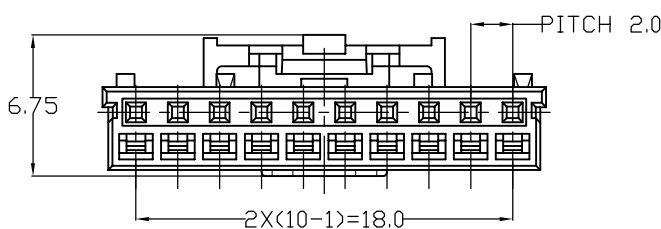
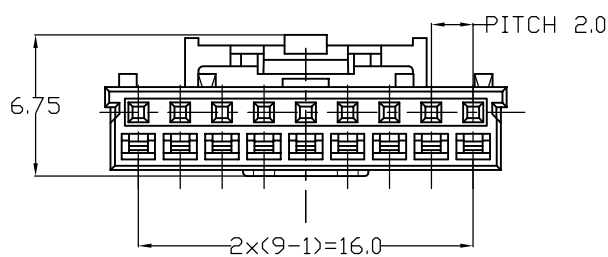
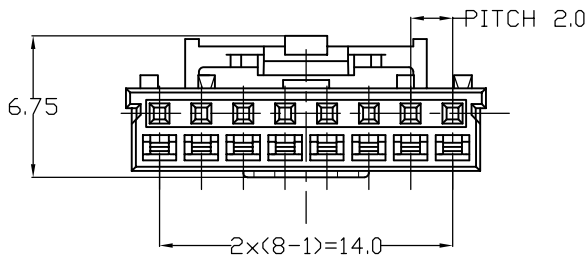
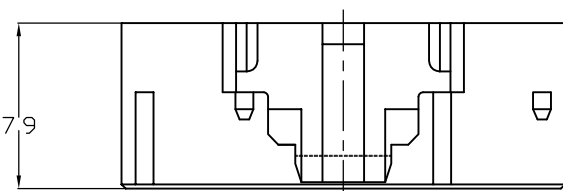
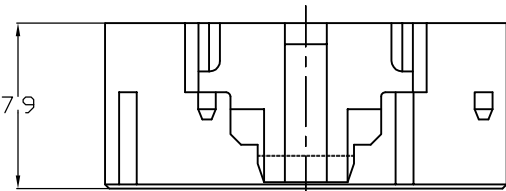
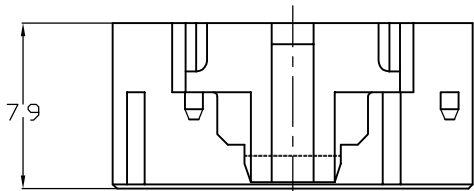
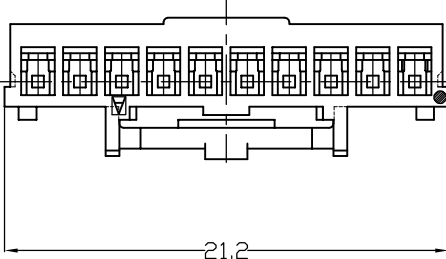
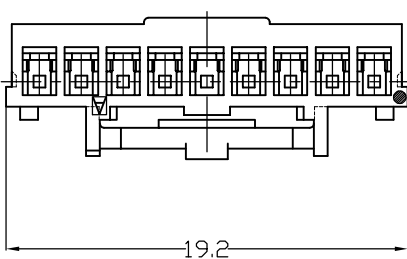
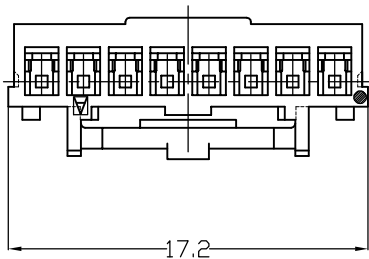
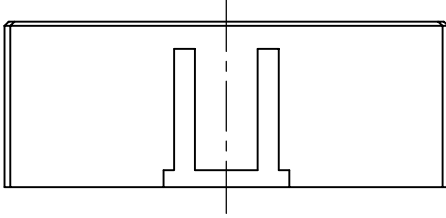
(8 POS.)



(9 POS.)



(10 POS.)



|                                 |          |         |      |             |
|---------------------------------|----------|---------|------|-------------|
| 3-1971032-1                     | D        | YELLOW  | 10   | 3-1971030-1 |
| 2-1971032-1                     | C        | BLUE    |      | 2-1971030-1 |
| 1-1971032-1                     | B        | RED     |      | 1-1971030-1 |
| 1971032-1                       | A        | NATURAL |      | 1971030-1   |
| 3-1971032-9                     | D        | YELLOW  | 9    | 3-1971030-9 |
| 2-1971032-9                     | C        | BLUE    |      | 2-1971030-9 |
| 1-1971032-9                     | B        | RED     |      | 1-1971030-9 |
| 1971032-9                       | A        | NATURAL |      | 1971030-9   |
| 3-1971032-8                     | D        | YELLOW  | 8    | 3-1971030-8 |
| 2-1971032-8                     | C        | BLUE    |      | 2-1971030-8 |
| 1-1971032-8                     | B        | RED     |      | 1-1971030-8 |
| 1971032-8                       | A        | NATURAL |      | 1971030-8   |
| 3-1971032-7                     | D        | YELLOW  | 7    | 3-1971030-7 |
| 2-1971032-7                     | C        | BLUE    |      | 2-1971030-7 |
| 1-1971032-7                     | B        | RED     |      | 1-1971030-7 |
| 1971032-7                       | A        | NATURAL |      | 1971030-7   |
| 3-1971032-6                     | D        | YELLOW  | 6    | 3-1971030-6 |
| 2-1971032-6                     | C        | BLUE    |      | 2-1971030-6 |
| 1-1971032-6                     | B        | RED     |      | 1-1971030-6 |
| 1971032-6                       | A        | NATURAL |      | 1971030-6   |
| 4-1971032-5                     | E        | BLACK   | 5    | 4-1971030-5 |
| 3-1971032-5                     | D        | YELLOW  |      | 3-1971030-5 |
| 2-1971032-5                     | C        | BLUE    |      | 2-1971030-5 |
| 1-1971032-5                     | B        | RED     |      | 1-1971030-5 |
| 1971032-5                       | A        | NATURAL |      | 1971030-5   |
| 3-1971032-4                     | D        | YELLOW  | 4    | 3-1971030-4 |
| 2-1971032-4                     | C        | BLUE    |      | 2-1971030-4 |
| 1-1971032-4                     | B        | RED     |      | 1-1971030-4 |
| 1971032-4                       | A        | NATURAL |      | 1971030-4   |
| 3-1971032-3                     | D        | YELLOW  | 3    | 3-1971030-3 |
| 2-1971032-3                     | C        | BLUE    |      | 2-1971030-3 |
| 1-1971032-3                     | B        | RED     |      | 1-1971030-3 |
| 1971032-3                       | A        | NATURAL |      | 1971030-3   |
| 4-1971032-2                     | E        | BLACK   | 2    | 4-1971030-2 |
| 3-1971032-2                     | D        | YELLOW  |      | 3-1971030-2 |
| 2-1971032-2                     | C        | BLUE    |      | 2-1971030-2 |
| 1-1971032-2                     | B        | RED     |      | 1-1971030-2 |
| 1971032-2                       | A        | NATURAL |      | 1971030-2   |
| MATING CONNECTOR<br>PART NUMBER | KEY TYPE | COLOR   | POS. | PART NUMBER |

E1

E1

1971030

B

A

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

MATERIAL SEE NOTE

TOLERANCES UNLESS OTHERWISE SPECIFIED

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

DWN 11JUN2008 Liu Jimmy

CHK 11JUN2008 Wu Sam

APVD 11JUN2008 Zhou Julian

PRODUCT SPEC 108-106001

APPLICATION SPEC 114-5425

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

NAME Grace Inertia Connector 2.0 EV Series Plug Housing

SIZE A2 CAGE CODE 00779 DRAWING NO C-1971030

RESTRICTED TO -

SCALE 4:1 SHEET 3 OF 3 REV E1

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[3-1971030-5](#)