

| REVISIONS |     |                           |  |          |     |
|-----------|-----|---------------------------|--|----------|-----|
| P         | LTR | DESCRIPTION               |  | DATE     | OWN |
|           | F2  | REVISED PER ECR-25-242417 |  | 7MAY2025 | C.X |
|           |     |                           |  |          | J.H |

NOTE:

1. GENERAL TOLERANCE:  $\pm 0.3$ ,  $\pm 3^\circ$

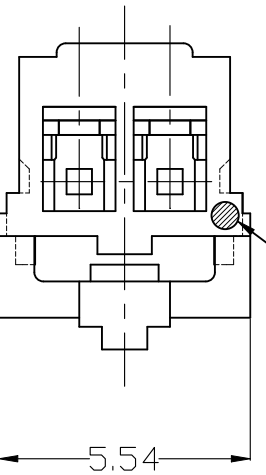
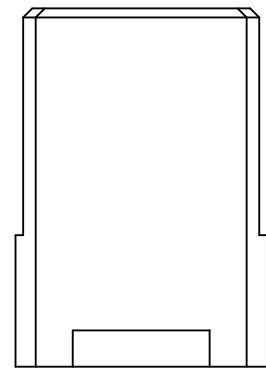
2. MATERIAL: 66NYLON GF(UL94V-0)

3. MATING CONN. P/N: SEE TABLE

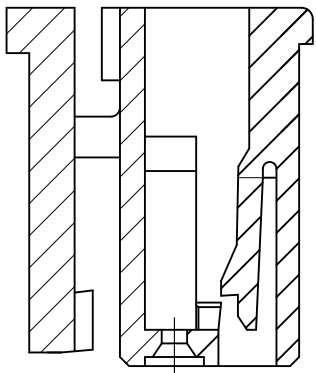
4. APPLICABLE CONTACT P/N:

1971031-1

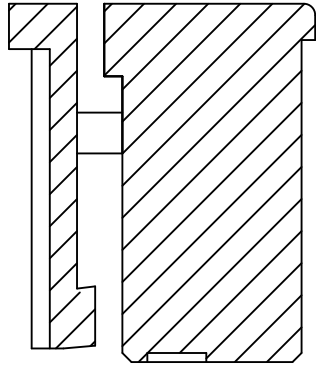
(2 POS.)



CIRCUIT NO.1 MARK



SEC. B-B



SEC. D-D

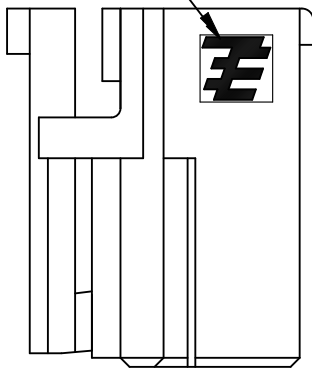
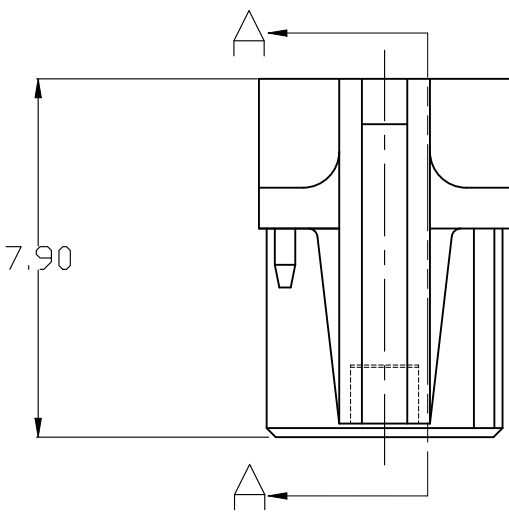
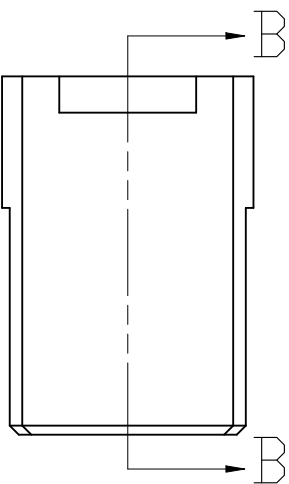
TRADE MARK

TRADE MARK

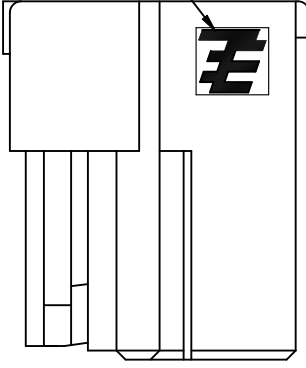
TRADE MARK

TRADE MARK

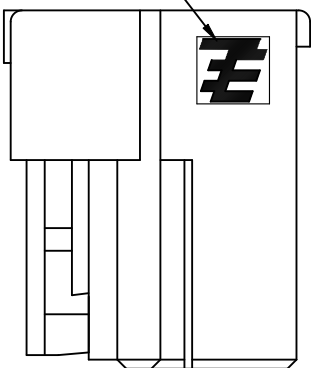
TRADE MARK



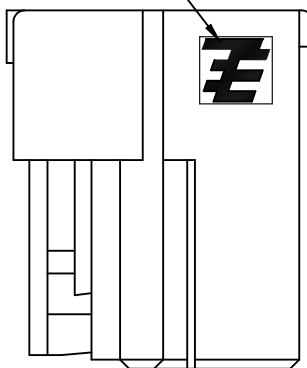
(2 POS.)



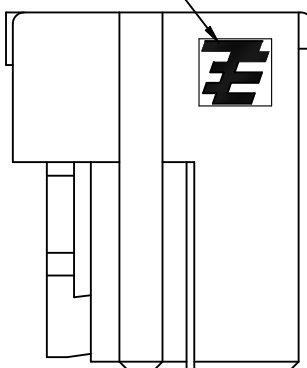
(3~4 POS.)



(5 POS.)



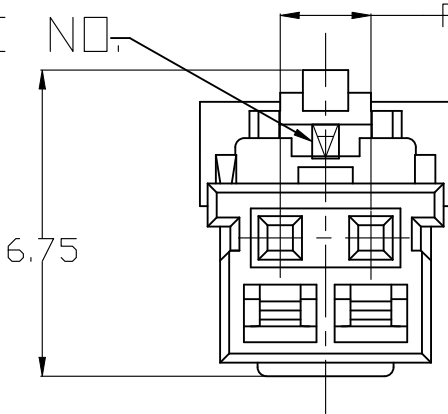
(6~8 POS.)



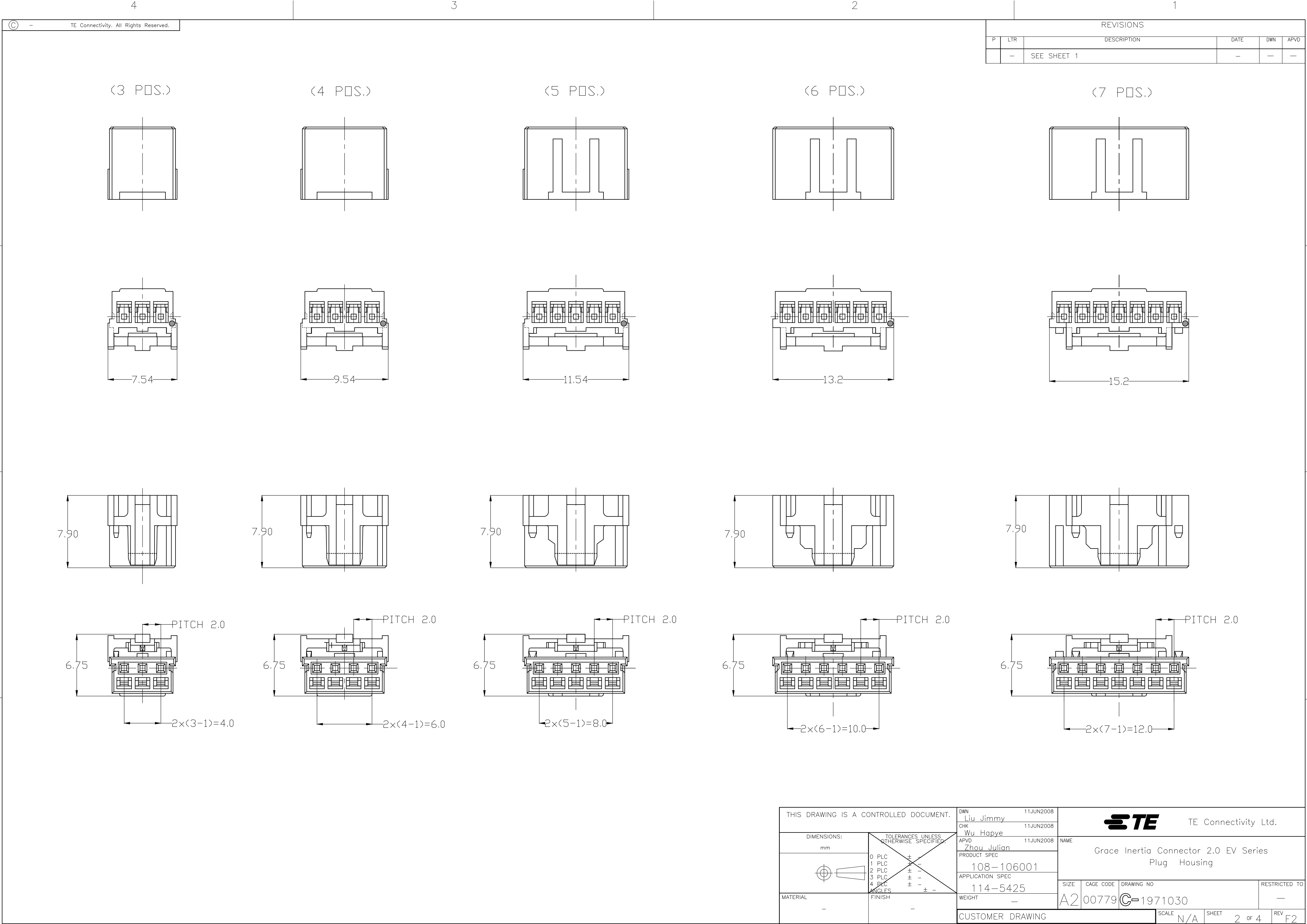
(9~10 POS.)

KEY TYPE NO.

PITCH 2.0



|                                        |  |                                  |                                       |                    |                         |
|----------------------------------------|--|----------------------------------|---------------------------------------|--------------------|-------------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>Liu Jimmy<br>11JUN2008    | TE Connectivity Ltd.                  |                    |                         |
|                                        |  | CHK<br>Wu happy<br>11JUN2008     |                                       |                    |                         |
|                                        |  | APVD<br>Zhou Julian<br>11JUN2008 | NAME                                  |                    |                         |
|                                        |  | PRODUCT SPEC<br>108-106001       | Grace Inertia Connector 2.0 EV Series |                    |                         |
|                                        |  | APPLICATION SPEC<br>114-5425     | Plug Housing                          |                    |                         |
|                                        |  | WEIGHT<br>0                      | SIZE<br>A2                            | CAGE CODE<br>00779 | DRAWING NO<br>C=1971030 |
|                                        |  | CUSTOMER DRAWING                 | SCALE<br>N/A                          | SHEET<br>1 OF 4    | REV<br>F2               |



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

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 Ltd.

NAME  
Grace Inertia Connector 2.0 EV Series  
Plug Housing

SIZE  
A2

CAGE CODE  
00779

DRAWING NO  
C=1971030

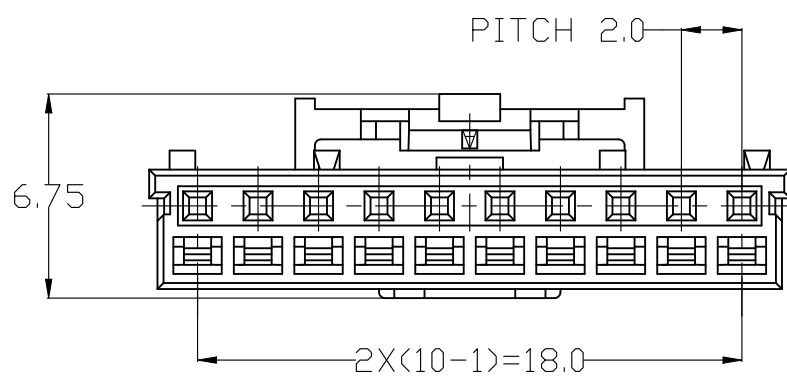
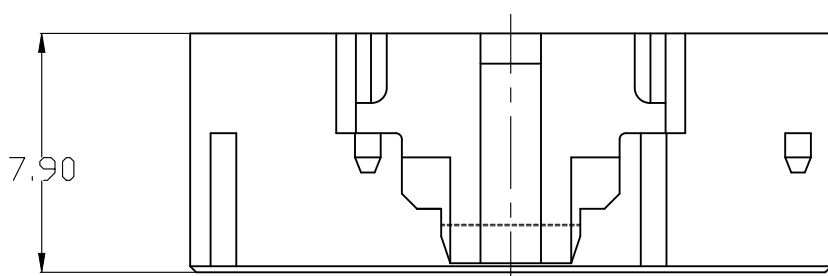
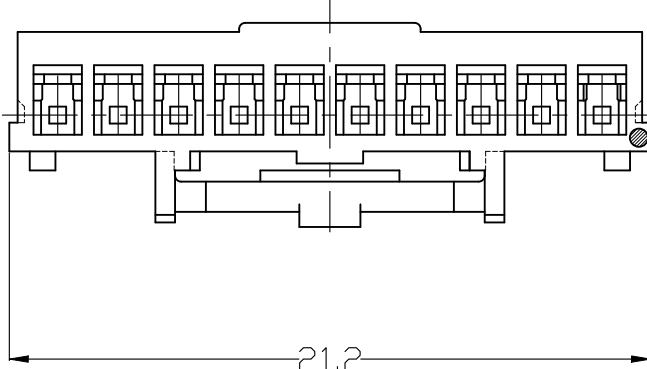
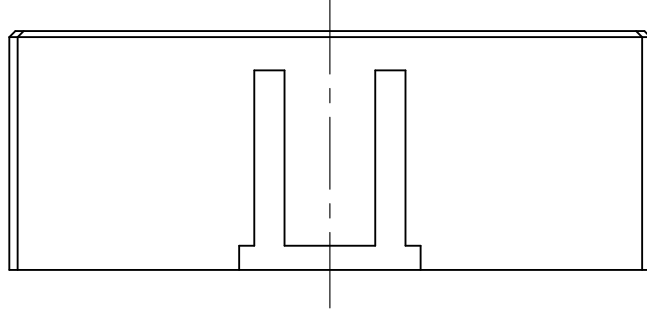
RESTRICTED TO  
-

SCALE  
N/A

SHEET  
2 OF 4

REV  
F2

<10 POS.>



|                                      |                                     |          |         |      |             |
|--------------------------------------|-------------------------------------|----------|---------|------|-------------|
| 3-2367943-1                          | 3-1971032-1                         | D        | YELLOW  | 10   | 3-1971030-1 |
| 2-2367943-1                          | 2-1971032-1                         | C        | BLUE    |      | 2-1971030-1 |
| 1-2367943-1                          | 1-1971032-1                         | B        | RED     |      | 1-1971030-1 |
| 2367943-1                            | 1971032-1                           | A        | NATURAL |      | 1971030-1   |
| 3-2367943-9                          | 3-1971032-9                         | D        | YELLOW  | 9    | 3-1971030-9 |
| 2-2367943-9                          | 2-1971032-9                         | C        | BLUE    |      | 2-1971030-9 |
| 1-2367943-9                          | 1-1971032-9                         | B        | RED     |      | 1-1971030-9 |
| 2367943-9                            | 1971032-9                           | A        | NATURAL |      | 1971030-9   |
| 3-2367943-8                          | 3-1971032-8                         | D        | YELLOW  | 8    | 3-1971030-8 |
| 2-2367943-8                          | 2-1971032-8                         | C        | BLUE    |      | 2-1971030-8 |
| 1-2367943-8                          | 1-1971032-8                         | B        | RED     |      | 1-1971030-8 |
| 2367943-8                            | 1971032-8                           | A        | NATURAL |      | 1971030-8   |
| 3-2367943-7                          | 3-1971032-7                         | D        | YELLOW  | 7    | 3-1971030-7 |
| 2-2367943-7                          | 2-1971032-7                         | C        | BLUE    |      | 2-1971030-7 |
| 1-2367943-7                          | 1-1971032-7                         | B        | RED     |      | 1-1971030-7 |
| 2367943-7                            | 1971032-7                           | A        | NATURAL |      | 1971030-7   |
| 3-2367943-6                          | 3-1971032-6                         | D        | YELLOW  | 6    | 3-1971030-6 |
| 2-2367943-6                          | 2-1971032-6                         | C        | BLUE    |      | 2-1971030-6 |
| 1-2367943-6                          | 1-1971032-6                         | B        | RED     |      | 1-1971030-6 |
| 2367943-6                            | 1971032-6                           | A        | NATURAL |      | 1971030-6   |
| 7-2367943-5                          | /                                   | H        | GRAY    | 5    | 7-1971030-5 |
| 6-2367943-5                          | /                                   | G        | VIOLET  |      | 6-1971030-5 |
| 5-2367943-5                          | /                                   | F        | BROWN   |      | 5-1971030-5 |
| 4-2367943-5                          | 4-1971032-5                         | E        | BLACK   |      | 4-1971030-5 |
| 3-2367943-5                          | 3-1971032-5                         | D        | YELLOW  |      | 3-1971030-5 |
| 2-2367943-5                          | 2-1971032-5                         | C        | BLUE    |      | 2-1971030-5 |
| 1-2367943-5                          | 1-1971032-5                         | B        | RED     |      | 1-1971030-5 |
| 2367943-5                            | 1971032-5                           | A        | NATURAL |      | 1971030-5   |
| 3-2367943-4                          | 3-1971032-4                         | D        | YELLOW  | 4    | 3-1971030-4 |
| 2-2367943-4                          | 2-1971032-4                         | C        | BLUE    |      | 2-1971030-4 |
| 1-2367943-4                          | 1-1971032-4                         | B        | RED     |      | 1-1971030-4 |
| 2367943-4                            | 1971032-4                           | A        | NATURAL |      | 1971030-4   |
| 4-2367943-3                          | /                                   | E        | BLACK   | 3    | 4-1971030-3 |
| 3-2367943-3                          | 3-1971032-3                         | D        | YELLOW  |      | 3-1971030-3 |
| 2-2367943-3                          | 2-1971032-3                         | C        | BLUE    |      | 2-1971030-3 |
| 1-2367943-3                          | 1-1971032-3                         | B        | RED     |      | 1-1971030-3 |
| 2367943-3                            | 1971032-3                           | A        | NATURAL |      | 1971030-3   |
| 4-2367943-2                          | 4-1971032-2                         | E        | BLACK   | 2    | 4-1971030-2 |
| 3-2367943-2                          | 3-1971032-2                         | D        | YELLOW  |      | 3-1971030-2 |
| 2-2367943-2                          | 2-1971032-2                         | C        | BLUE    |      | 2-1971030-2 |
| 1-2367943-2                          | 1-1971032-2                         | B        | RED     |      | 1-1971030-2 |
| 2367943-2                            | 1971032-2                           | A        | NATURAL |      | 1971030-2   |
| MATING CONNECTOR<br>PART NUMBER(SMT) | MATING CONNECTOR<br>PART NUMBER(TH) | KEY TYPE | COLOR   | POS. | PART NUMBER |

|                  |              |                 |           |
|------------------|--------------|-----------------|-----------|
| CUSTOMER DRAWING | SCALE<br>N/A | SHEET<br>3 OF 4 | REV<br>E2 |
|------------------|--------------|-----------------|-----------|

|        |  |
|--------|--|
| FINISH |  |
|--------|--|

4

3

2

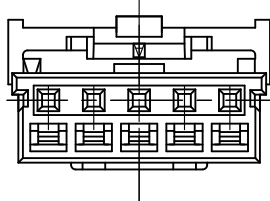
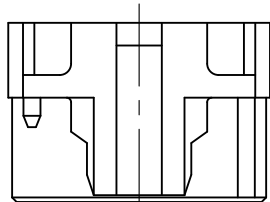
1

REVISIONS

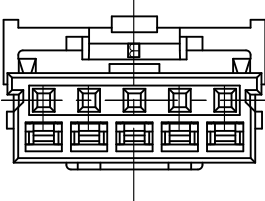
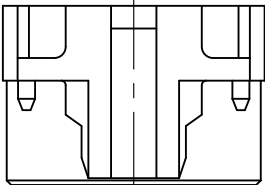
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-------------|------|-----|------|
| - | -   | SEE SHEET 1 | -    | -   | -    |

2P~6P KEY TYPE

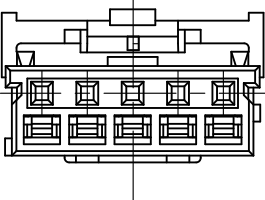
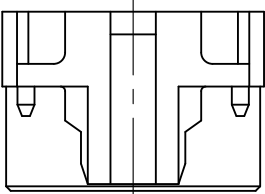
KEY A



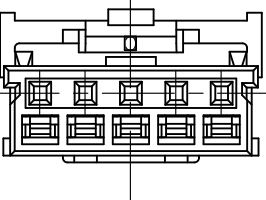
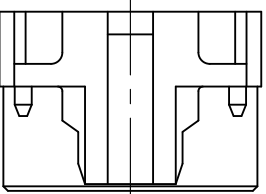
KEYB



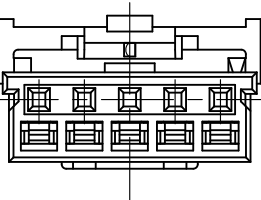
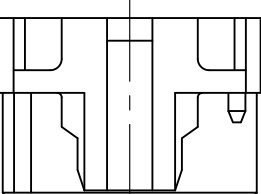
KEY E



KEY C

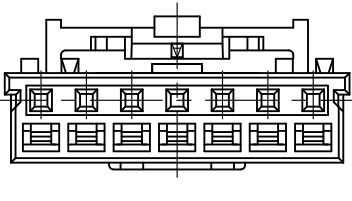
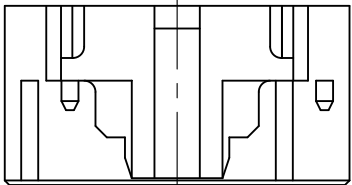


KEY D

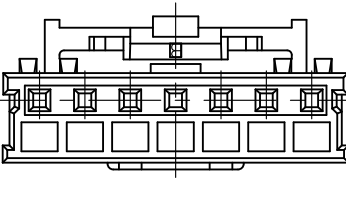
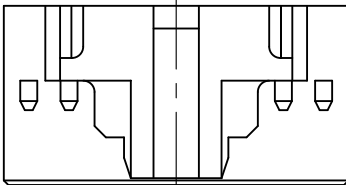


7P~10P KEY TYPE

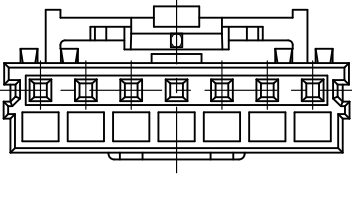
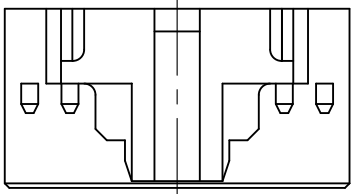
KEY A



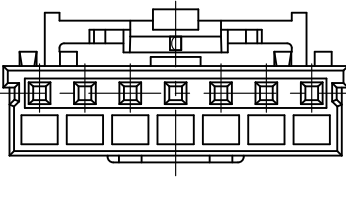
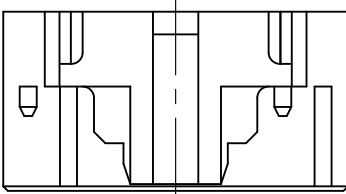
KEYB



KEY C

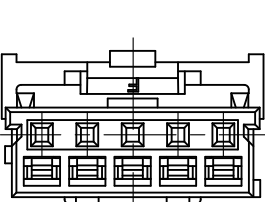
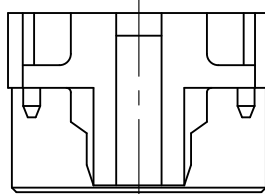


KEY D

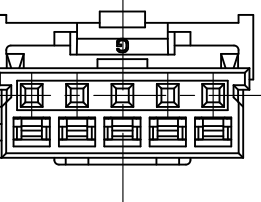
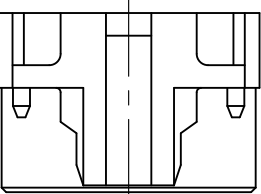


5P KEY TYPE

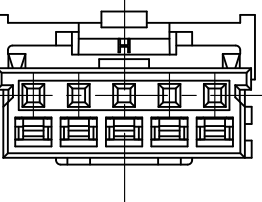
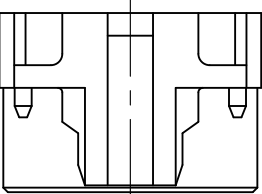
KEY F



KEY G



KEY H



THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
mm

TOLERANCES, UNLESS OTHERWISE SPECIFIED

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

DWN  
Liu Jimmy  
11JUN2008

CHK  
Wu Sam  
11JUN2008

APVD  
Zhou Julian  
11JUN2008

PRODUCT SPEC  
108-106001

APPLICATION SPEC  
114-5425

WEIGHT  
-

CUSTOMER DRAWING

TE Connectivity Ltd.

Grace Inertia Connector 2.0 EV Series  
Plug Housing

SIZE  
A2

CAGE CODE  
00779

DRAWING NO  
C=1971030

RESTRICTED TO  
-

SCALE  
N/A

SHEET  
4 OF 4

REV  
F2