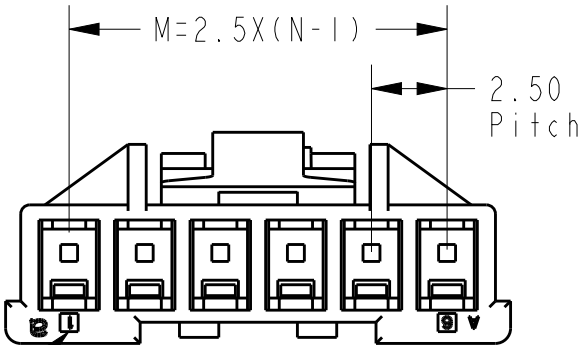
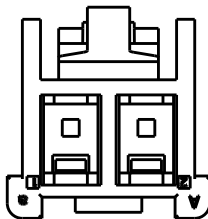
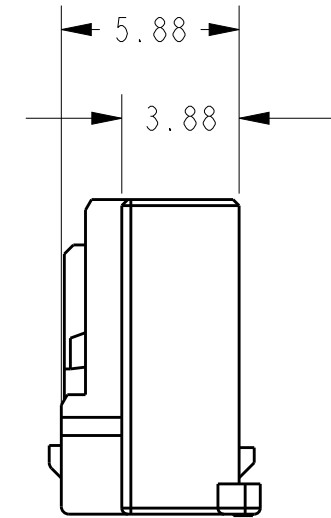
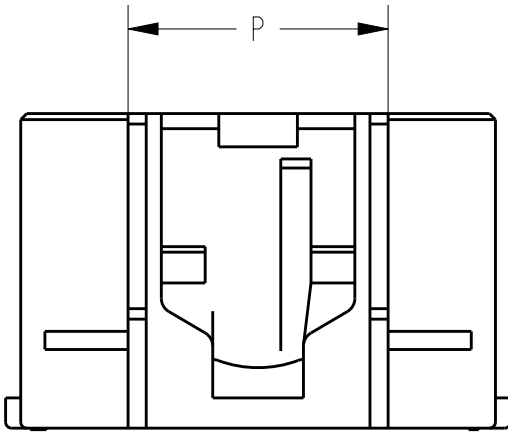
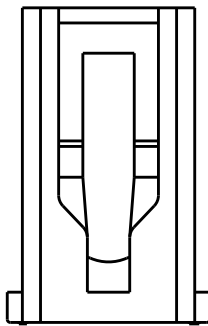
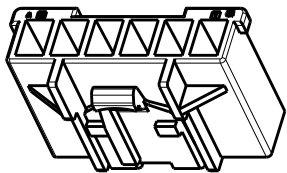
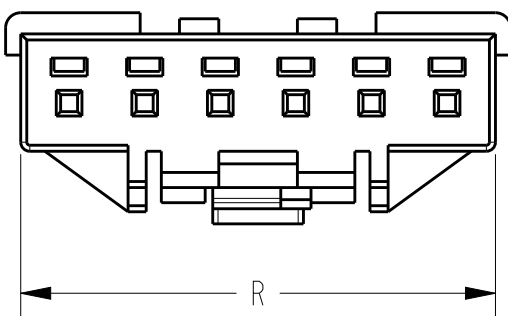
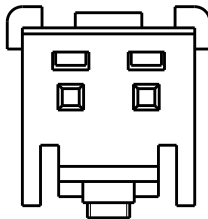
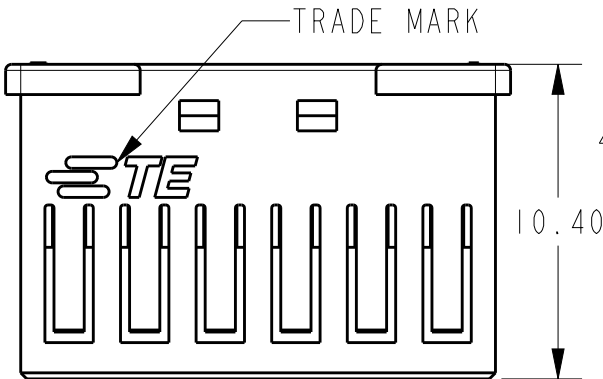
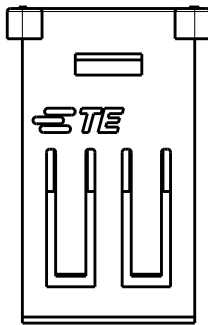


| P | LTR | DESCRIPTION   | DATE      | DWN | APVD |
|---|-----|---------------|-----------|-----|------|
|   | F   | ECR-15-007519 | 19AUG2015 | A.Q | D.Z  |
|   | G   | ECR-15-015566 | 19OCT2015 | A.Q | D.Z  |
|   | GI  | ECR-17-017050 | 23NOV2017 | C.X | D.Z  |
|   |     |               |           |     |      |

(2 POS.)

(6 POS.)

Notes:  
1 GENERAL TOLERANCE  $\pm 0.3, \pm 3^\circ$   
2 MATERIAL: PA66 GF(UL94V-0)  
3 6-1971793-1 AS SHOWN ARE ONLY FOR P/N IN TABLE I  
4 APPLICABLE CONTACT P/N: 1971795-1  
5 RESTRICTED TO SPECIAL CUSTOMER (HAIER)



CIRCUIT NO. 1

| TABLE I                    |         |       |        |      |     |   |             |     |  |
|----------------------------|---------|-------|--------|------|-----|---|-------------|-----|--|
| 3-1971798-4                | YELLOW  | D     | 8.2    | 5    | 6.2 | 3 | 3-2232701-4 | 5   |  |
| 3-1971798-2                | BLUE    | B     |        |      |     |   | 3-2232701-2 | 5   |  |
| 2-1971798-1                | NATURAL | A     | 5.7    | 2.5  | 5.7 | 2 | 2-2232701-1 | 5   |  |
| 6-1971798-X<br>6-1971800-X | NATURAL | NA    | 15.7   | 12.5 | 8.6 | 6 | 6-1971793-6 |     |  |
|                            | BLACK   | D     |        |      |     |   | 6-1971793-5 |     |  |
|                            | YELLOW  | D     |        |      |     |   | 6-1971793-4 |     |  |
|                            | RED     | C     |        |      |     |   | 6-1971793-3 |     |  |
|                            | BLUE    | B     |        |      |     |   | 6-1971793-2 |     |  |
| 5-1971798-X<br>5-1971800-X | NATURAL | A     | 13.2   | 10   | 8.6 | 5 | 6-1971793-1 |     |  |
|                            | BLACK   | D     |        |      |     |   | 5-1971793-5 |     |  |
|                            | YELLOW  | D     |        |      |     |   | 5-1971793-4 |     |  |
|                            | RED     | C     |        |      |     |   | 5-1971793-3 |     |  |
|                            | BLUE    | B     |        |      |     |   | 5-1971793-2 |     |  |
| 4-1971798-X<br>4-1971800-X | NATURAL | A     | 10.7   | 7.5  | 7.4 | 4 | 5-1971793-1 |     |  |
|                            | BLACK   | D     |        |      |     |   | 4-1971793-5 |     |  |
|                            | YELLOW  | D     |        |      |     |   | 4-1971793-4 |     |  |
|                            | RED     | C     |        |      |     |   | 4-1971793-3 |     |  |
|                            | BLUE    | B     |        |      |     |   | 4-1971793-2 |     |  |
| 3-1971798-X<br>3-1971800-X | NATURAL | A     | 8.2    | 5    | 6.2 | 3 | 4-1971793-1 |     |  |
|                            | BLACK   | D     |        |      |     |   | 3-1971793-5 |     |  |
|                            | YELLOW  | D     |        |      |     |   | 3-1971793-4 |     |  |
|                            | RED     | C     |        |      |     |   | 3-1971793-3 |     |  |
|                            | BLUE    | B     |        |      |     |   | 3-1971793-2 |     |  |
| 2-1971798-X<br>2-1971800-X | NATURAL | A     | 5.7    | 2.5  | 5.7 | 2 | 3-1971793-1 |     |  |
|                            | BLACK   | D     |        |      |     |   | 2-1971793-5 |     |  |
|                            | YELLOW  | D     |        |      |     |   | 2-1971793-4 |     |  |
|                            | RED     | C     |        |      |     |   | 2-1971793-3 |     |  |
|                            | BLUE    | B     |        |      |     |   | 2-1971793-2 |     |  |
| MATING CONN P/N            |         | COLOR | KEYING | R    | M   | P | N(POS.)     | P/N |  |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
mm

MATERIAL

SEE NOTE

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC  $\pm 0.3$

1 PLC  $\pm 0.13$

2 PLC  $\pm 0.13$

3 PLC  $\pm 0.013$

4 PLC  $\pm 0.000$

ANGLES  $\pm 3^\circ$

FINISH -

DWN HJ.Z 28MAY2013

CHK HJ.Z 28MAY2013

APVD YH.M 28MAY2013

PRODUCT SPEC 108-106077

APPLICATION SPEC 114-106077

WEIGHT -

Customer Drawing

TE Connectivity

NAME  
NEXT GENERATION  
GRACE INERTIA CONNECTOR 2.5  
PLUG HOUSING

SIZE A3

CAGE CODE -

DRAWING NO. C-1971793

RESTRICTED TO -

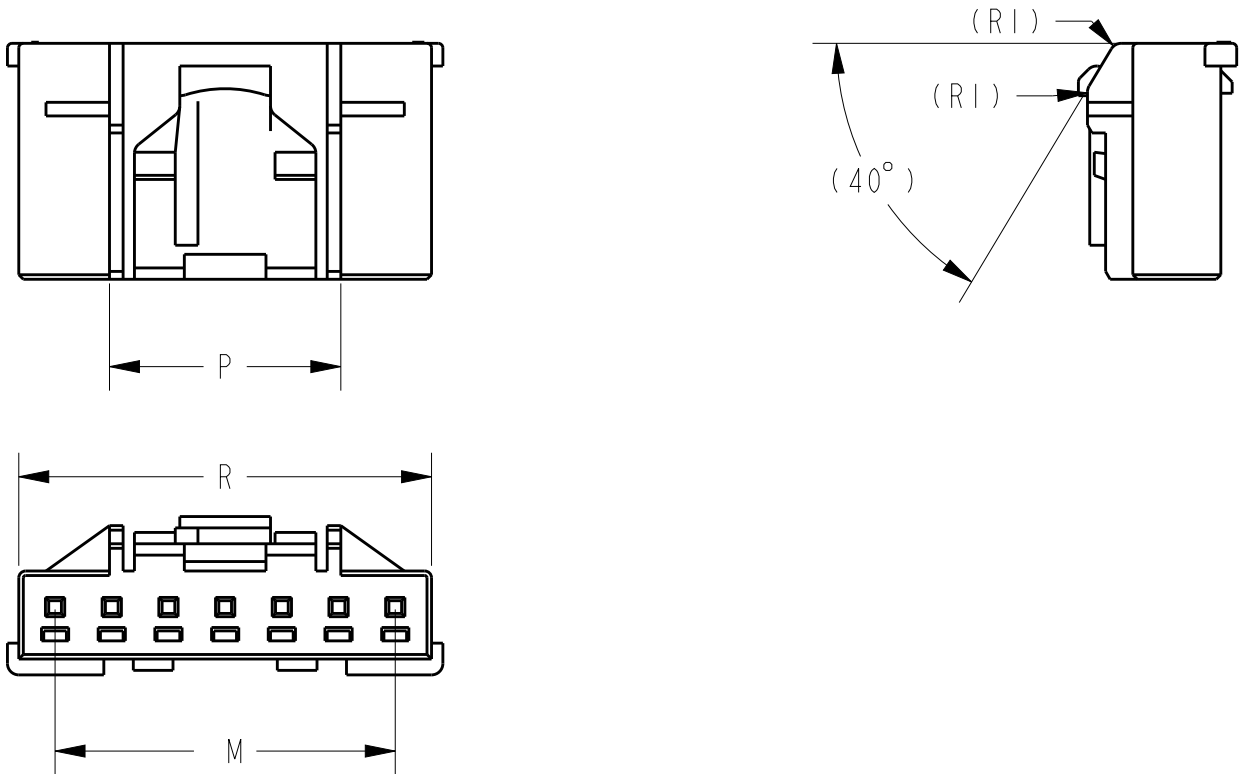
SCALE 5:1

SHEET 1 OF 3

REV GI

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

7-1971793-1 AS SHOWN FOR P/N IN TABLE 2



Notes:  
1 DIMENSIONS SHOWING IN SHEET 2 ARE ONLY FOR P/N IN TABLE 2  
2 DIMENSIONS NOT SHOWING IN SHEET 2 ARE THE SAME WITH DIMENSIONS IN SHEET 1

| TABLE 2                    |         |        |      |      |      |         |             |
|----------------------------|---------|--------|------|------|------|---------|-------------|
| 8-1971798-X<br>8-1971800-X | BLACK   | D      | 20.7 | 17.5 | 10.2 | 8       | 8-1971793-5 |
|                            | YELLOW  | D      |      |      |      |         | 8-1971793-4 |
|                            | RED     | C      |      |      |      |         | 8-1971793-3 |
|                            | BLUE    | B      |      |      |      |         | 8-1971793-2 |
|                            | NATURAL | A      |      |      |      |         | 8-1971793-1 |
| 7-1971798-X<br>7-1971800-X | BLACK   | D      | 18.2 | 15   | 10.2 | 7       | 7-1971793-5 |
|                            | YELLOW  | D      |      |      |      |         | 7-1971793-4 |
|                            | RED     | C      |      |      |      |         | 7-1971793-3 |
|                            | BLUE    | B      |      |      |      |         | 7-1971793-2 |
|                            | NATURAL | A      |      |      |      |         | 7-1971793-1 |
| MATING CONN P/N            | COLOR   | KEYING | R    | M    | P    | N(POS.) | P/N         |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
mm

MATERIAL

-

FINISH

-

TOLERANCES UNLESS OTHERWISE SPECIFIED

0 PLC ±.3  
1 PLC ±.3  
2 PLC ±0.13  
3 PLC ±0.013  
4 PLC ±0.000J  
ANGLES ±3

DWN  
ANNIE QIAN  
08MAY2015

CHK  
ANNIE QIAN  
08MAY2015

APVD  
DANIEL AHGN  
08MAY2015

PRODUCT SPEC  
108-106077

APPLICATION SPEC  
114-106077

WEIGHT  
-

CUSTOMER DRAWING

TE Connectivity

NAME  
NEXT GENERATION  
GRACE INERTIA CONNECTOR 2.5  
PLUG HOUSING

SIZE  
A3

CAGE CODE  
-

DRAWING NO  
C-1971793

RESTRICTED TO  
-

SCALE  
5:1

SHEET  
2

OF  
3

REV  
G1

1470-19 (3/11)

# Mouser Electronics

Authorized Distributor

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[TE Connectivity:](#)

[6-1971793-3](#)