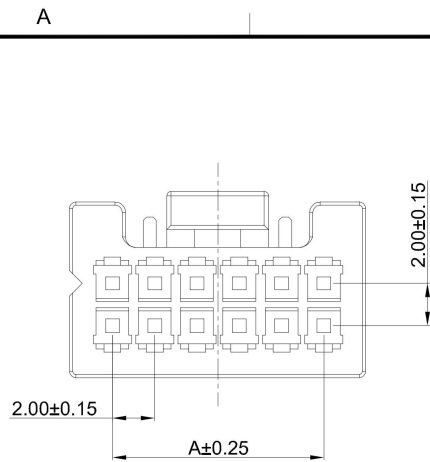


8P~14P Without Guide bulge  
16P~40P With Guide bulge



GT-A2012 H M -2 XX X 01

G-Switch

Series No

Connector  
H-Housing

M-Male

Housing Colour  
W-White

Pin Q' PY  
08~40

Row NO  
2-Dual Rows

#### G-Switch Specification:

- 1.Current rated: 3.0A AC/DC
- 2.Voltage rating: 250V AC/DC
- 3.Withstanding voltage: 800V AC
- 4.Contact resistance: 10mΩ max.
- 5.Insulation resistance: 1000MΩ min
- 6.Durability cycle: 30Cycles
- 7.Removal force: 1.00kgf/Pin min
- 8.Operating temperature range: -25°C ~ +85°C

#### Ordering Information:

| Circuit | Dimensions(mm) |       |       | Circuit | Dimensions(mm) |       |       |
|---------|----------------|-------|-------|---------|----------------|-------|-------|
|         | A              | B     | C     |         | A              | B     | C     |
| 08      | 6.00           | 10.00 | 8.65  | 26      | 24.00          | 28.00 | 26.65 |
| 10      | 8.00           | 12.00 | 10.65 | 28      | 26.00          | 30.00 | 28.65 |
| 12      | 10.00          | 14.00 | 12.65 | 30      | 28.00          | 32.00 | 30.65 |
| 14      | 12.00          | 16.00 | 14.65 | 32      | 30.00          | 34.00 | 32.65 |
| 16      | 14.00          | 18.00 | 16.65 | 34      | 32.00          | 36.00 | 34.65 |
| 18      | 16.00          | 20.00 | 18.65 | 36      | 34.00          | 38.00 | 36.65 |
| 20      | 18.00          | 22.00 | 20.65 | 38      | 36.00          | 40.00 | 38.65 |
| 22      | 20.00          | 24.00 | 22.65 | 40      | 38.00          | 42.00 | 40.65 |
| 24      | 22.00          | 26.00 | 24.65 | ---     | ---            | ---   | ---   |

SCALE: 1:1 UNIT: mm  
SIZE: A4

Title: Housing 2.00mm Pitch PUD Dual Rows Male

Unless otherwise  
General Tolerance:  
X ±0.40  
X.x ±0.30  
X.xx ±0.20  
X° ±5°  
X.x° ±3°

Molde Code: GT-A2012HM-2XXX01

|       |         |          |            |
|-------|---------|----------|------------|
| DRAWN | CHECKED | APPROVED | DATE       |
| Hu    | Hu      | Chen     | 2021.10.20 |

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REV: A0 SHEET: 1/3

|     |           |            |        |
|-----|-----------|------------|--------|
| 1   | HOUSING   | PA66,94V-0 | WHITE  |
| NO. | PART NAME | MATERIAL   | REMARK |



A

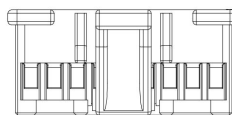
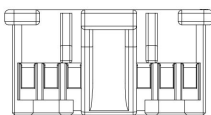
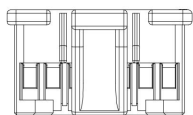
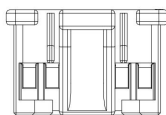
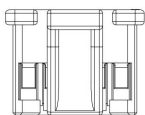
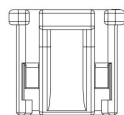
B

C

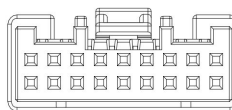
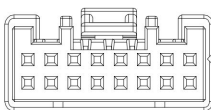
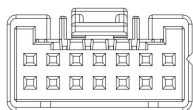
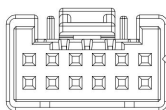
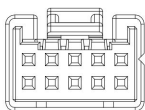
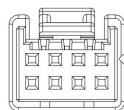
D

E

1



2



8Pin

10Pin

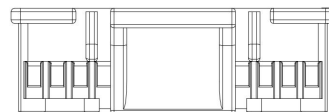
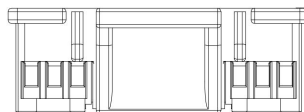
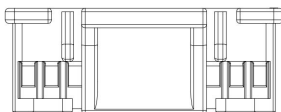
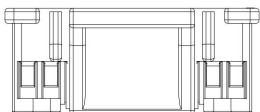
12Pin

14Pin

16Pin

18Pin

3



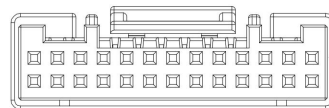
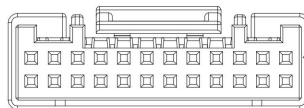
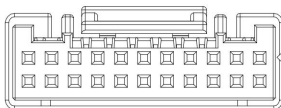
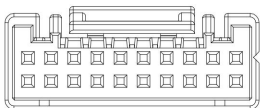
20Pin

22Pin

24Pin

26Pin

4



5

|     |           |            |        |
|-----|-----------|------------|--------|
| 1   | HOUSING   | PA66,94V-0 | WHITE  |
| NO. | PART NAME | MATERIAL   | REMARK |

A

B

C

D

E



GT-A2012 H M -2 XX X 01

G-Switch

Series No

Connector  
H-Housing

M-Male

Housing Colour  
W-WhitePin Q' PY  
08~40Row NO  
2-Dual Rows**G-Switch Specification:**

- 1.Current rated: 3.0A AC/DC
- 2.Voltage rating: 250V AC/DC
- 3.Withstanding voltage: 800V AC
- 4.Contact resistance: 10mΩ max.
- 5.Insulation resistance: 1000MΩ min
- 6.Durability cycle: 30Cycles
- 7.Removal force: 1.00kgf/Pin min
- 8.Operating temperature range: -25°C ~ +85°C

SCALE: 1:1 UNIT: mm

SIZE: A4

Unless otherwise  
General Tolerance:

|      |       |
|------|-------|
| X    | ±0.40 |
| X.x  | ±0.30 |
| X.xx | ±0.20 |
| X°   | ±5°   |
| X.x° | ±3°   |

Title: Housing 2.00mm Pitch PUD Dual Rows Male

Molde Code: GT-A2012HM-2XXX01

|       |         |          |            |
|-------|---------|----------|------------|
| DRAWN | CHECKED | APPROVED | DATE       |
| Hu    | Hu      | Chen     | 2021.10.20 |

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REV: A0

SHEET: 2/3

A

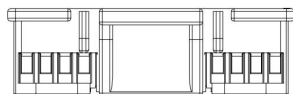
B

C

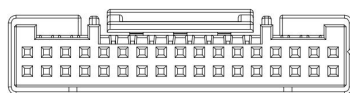
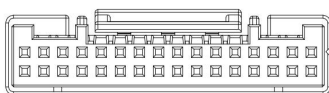
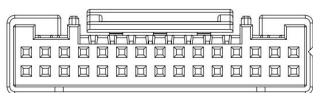
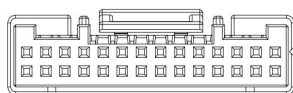
D

E

1



2



28Pin

30Pin

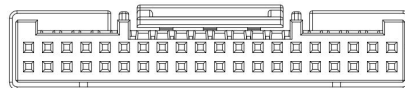
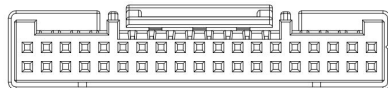
32Pin

34Pin

3



4



36Pin

38Pin

40Pin

5

|           |            |        |
|-----------|------------|--------|
| HOUSING   | PA66,94V-0 | WHITE  |
| PART NAME | MATERIAL   | REMARK |

A

B

C

D

E



GT-A2012 H M -2 XX X 01

G-Switch

Series No

Connector  
H-Housing

M-Male

Housing Colour  
W-WhitePin Q'PY  
08~40Row NO  
2-Dual Rows**G-Switch Specification:**

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SIZE: A4

Unless otherwise  
General Tolerance:

|      |       |
|------|-------|
| X    | ±0.40 |
| X.x  | ±0.30 |
| X.xx | ±0.20 |
| X°   | ±5°   |
| X.x° | ±3°   |

Title: Housing 2.00mm Pitch PUD Dual Rows Male

Molde Code: GT-A2012HM-2XXX01

| DRAWN | CHECKED | APPROVED | DATE       |
|-------|---------|----------|------------|
| Hu    | Hu      | Chen     | 2021.10.20 |

  
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SHEET: 3/3