

|   |  |   |  |   |  |   |  |   |  |   |  |      |                       |         |            |
|---|--|---|--|---|--|---|--|---|--|---|--|------|-----------------------|---------|------------|
| 1 |  | 2 |  | 3 |  | 4 |  | 5 |  | 6 |  | 7    |                       | 8       |            |
|   |  |   |  |   |  |   |  |   |  |   |  | REV. | ECN NO OR DESCRIPTION | REVISED | DATE       |
|   |  |   |  |   |  |   |  |   |  |   |  | A    | PDR NO.:T09012013A~H  | Steve   | 2009.06.08 |

|                    |                               |                                                                                                                                          |                 |                    |
|--------------------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------|
| 2MT3010<br>-X03300 |                               | UL2464 22AWG*3C+A,<br>PVC Jacket, UV Resistant<br>OD=ø5.0, Wire Color:1.Brown<br>3.Blue 4.Black                                          | 5A 60V<br>AC/DC | IP67               |
| 2MT3010<br>-X04300 |                               | UL2464 22AWG*4C+A,<br>PVC Jacket, UV Resistant<br>OD=ø5.0, Wire Color:1.Brown<br>2.White 3.Blue 4.Black                                  | 5A 60V<br>AC/DC | IP67               |
| 2MT3010<br>-X05300 |                               | UL2464 22AWG*5C+A,<br>PVC Jacket, UV Resistant<br>OD=ø5.5, Wire Color:1.Brown<br>2.White 3.Blue 4.Black<br>5.Green                       | 5A 60V<br>AC/DC | IP67               |
| 2MT3010<br>-X08200 |                               | UL2464 24AWG*8C+A,<br>PVC Jacket, UV Resistant<br>OD=ø5.4, Wire Color:1.Black<br>2.Brown 3.Green 4.Yellow<br>5.Grey 6.White 7.Blue 8.Red | 2A 60V<br>AC/DC | IP67               |
| 2MT3020<br>-X03300 |                               | NOUL 22AWG*3C+A,<br>Black FR-TPU Jacket,VW-1<br>OD=ø5.0, Wire Color:1.Brown<br>3.Blue 4.Black                                            | 5A 60V<br>AC/DC | IP68               |
| 2MT3020<br>-X04300 |                               | NOUL 22AWG*4C+A,<br>Black FR-TPU Jacket,VW-1<br>OD=ø5.0, Wire Color:1.Brown<br>2.White 3.Blue 4.Black                                    | 5A 60V<br>AC/DC | IP68               |
| 2MT3020<br>-X05300 |                               | NOUL 22AWG*5C+A,<br>Black FR-TPU Jacket,VW-1<br>OD=ø5.5, Wire Color:1.Brown<br>2.White 3.Blue 4.Black<br>5.Green                         | 5A 60V<br>AC/DC | IP68               |
| 2MT3020<br>-X08200 |                               | NOUL 24AWG*8C+A,<br>Black FR-TPU Jacket,VW-1<br>OD=ø5.4, Wire Color:1.Black<br>2.Brown 3.Green 4.Yellow<br>5.Grey 6.White 7.Blue 8.Red   | 2A 60V<br>AC/DC | IP68               |
| P/N:               | Pin Assignments<br>Front View | Cable Spec.                                                                                                                              | Rating          | Waterproof<br>Rate |

Lmm

43.4±1

ø8

ø14.5

Conn.

NOTES:

1. WATERPROOF RATE: IP67&IP68  
IP67: IMMERSED IN 1M WATER FOR 30 MINUTES  
IP68: IMMERSED IN 1M WATER FOR 24 HOURS

2. CABLE LENGTH TOLERANCE: 1M~10M±5%mm,  
11M~99M±500mm.

3. SPECIFICATIONS:SEE "M12 SERIES SPECIFICATIONS".

4. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.

5. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: G.P. PASS

6. ORDER INFORMATION:  
2MT30X0-X0XX00

1- PVC JACKET CABLE  
2- TPU JACKET CABLE

3- 3 PIN  
4- 4 PIN  
5- 5 PIN  
8- 8 PIN

2-CURRENT RATING 2A  
3-CURRENT RATING 5A

|    |             |     |                       |                                     |
|----|-------------|-----|-----------------------|-------------------------------------|
| F  | CABLE       | 1   | SEE NOTE 7            | BLACK                               |
| E  | OVER MOLD   | 1   | TPU                   | BLACK                               |
| D  | O-RING      | 1   | VITON                 | RED                                 |
| C  | SCREW NUT   | 1   | BRASS                 | NICKEL PLATING 100u"                |
| B  | FEMALE PIN  | *   | Phosphor Bronze Alloy | 6u" GOLD PLATED OVER NICKEL PLATING |
| A  | BODY        | 1   | TPU                   | BLACK                               |
| NO | DESCRIPTION | QTY | MATERIAL              | PLATING & COLOR                     |

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS: X :±0.5 X.X :±0.3 X.XX :±0.2

ANGLES: X :±2° X.X :±1°

**Sscconn** Singatron Electronic(China) Co., Ltd.  
 Waterproof Connector 信音電子(中國)股份有限公司

TITLE M12 SERIES 180°(3~8)PIN FEMALE CONN.

DWN Steve **PART NO.2MT30X0-X0XX00**

CHKD Quan SCALE 2:1 UNIT: mm

APVD Lussen SIZE: A3 SHEET:1 OF 1 REV: A

**CUSTOMER COPY**

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2

3

4

5

6

7

8

文件编号: RD-06-043-A