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| Rev. | Description    | Drawn         | Checked | Approved     |
|------|----------------|---------------|---------|--------------|
| A    | NEW RELEASE    | HP 29/06/05   |         | LJC 29/06/05 |
| B    | DRAWING UPDATE | JLZ 05/16/18' |         |              |
|      |                |               |         |              |

**Female Terminal**

**Female Housing**

**Male**

**Female Terminal**

| Wire Range                     | O.D of Wire |
|--------------------------------|-------------|
| Section Area (mm) <sup>2</sup> | AWG#        |
| 0.13~0.5                       | 26~20       |
|                                | 1.3~2.7     |

**Female Housing**

| Position | Dimension |      |
|----------|-----------|------|
|          | A         | B    |
| 1        |           |      |
| 2        | 7.5       | 12.5 |
| 3        | 12.5      | 17.5 |
| 4        | 17.5      | 22.5 |
| 5        | 22.5      | 27.5 |
| 6        | 27.5      | 32.5 |

**Male**

| Position | Dimension |      |
|----------|-----------|------|
|          | A         | B    |
| 1        |           |      |
| 2        | 7.5       | 12.5 |
| 3        | 12.5      | 17.5 |
| 4        | 17.5      | 22.5 |
| 5        | 22.5      | 27.5 |
| 6        | 27.5      | 32.5 |

**NOTES:**

1. MAIN SPECIFICATIONS

- . Housing material: NYLON 66
- . Wire range: AWG#26~#20
- . Rated voltage: 250V
- . Rated current: 3A
- . Contact resistance:30mΩ max
- . Insulation resistance:1000MΩ min
- . Withstanding voltage: 500V,AC 1 minute
- . Temperature range: -25 ~ +85°C
- . Recommend PC board thickness:1.6mm

2. PRODUCT NUMBER CODE:

DS1075 - X X X X X

- Contact Plating
- 6: Tin
- 8: Full gold flash
- Housing Color
- W: White
- Mounting type
- V: V/T type
- Connector type
- M: Male
- No.of contact
- 1 2 3 4 5 6

**Female Terminal**

T- DS1075 - S C X 0 0

- Contact Plating
- 6: Tin
- 8: Full gold flash

**Female Housing**

I - DS1075 - S C X 0 X

- No.of Housing
- 01~06
- Housing color
- W: White

**GENERAL TOLERANCE**

|     |       |
|-----|-------|
| X.  | ±0.60 |
| .X  | ±0.38 |
| .XX | ±0.25 |

**ANGLE TOLERANCE**

|     |     |
|-----|-----|
| X.  | ±5° |
| .X  | ±3° |
| .XX | ±2° |

**PROJECTION**

|            |    |
|------------|----|
| UNITS      | mm |
| SHEET SIZE | A4 |

**TITLE**

|                                     |               |
|-------------------------------------|---------------|
| P.C.B CONNECTOR 7.5-5..... 5mm TJ2A |               |
| SERIES                              | DS1075 SERIES |

**DRAWING TYPE**

|          |  |
|----------|--|
| CUSTOMER |  |
|----------|--|

**SCALE**

|     |       |        |
|-----|-------|--------|
| 1:1 | SHEET | 1 OF 1 |
|-----|-------|--------|

**DRAWING NO.**

|                  |
|------------------|
| C-DS1075-XXXXX-B |
|------------------|

**晨翔电子有限公司**

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