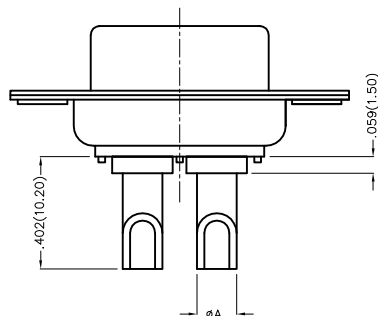
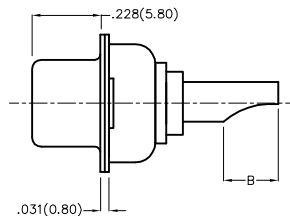
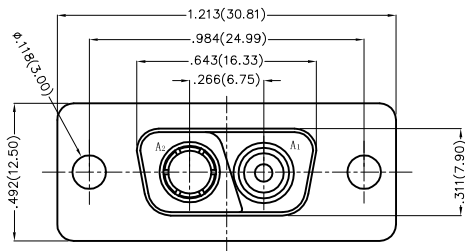




| REV | LOCATIONS | DESCRIPTION | DATE | REVISER | APPD |
|-----|-----------|-------------|------|---------|------|
|     |           |             |      |         |      |

## 1.Electrical Characteristic

### 1.1Current Rating

Power Contacts:10 to 40A

### 1.2Voltage Rating: 300V

### 1.3Contact Resistance:5Milliohms Max

### 1.4Insulation Resistance:5000 Megaohms Min.

### 1.5Dielectric Withstanding Voltage :1000V AC r.m.s Min

## 2.Materials And Finish

### 2.1Shell: Steel Material,Front Nickel Plated 80u" Min

Back Shell Tin Plated 100u" Min

### 2.2Insulator: Glass Filled Thermoplastic, UL 94V-0 ,Colour:Black

### 2.3Power Contacts:Bronze /Gold Plated 3u"~30u"

## 3.Temperature Range-Operating: -55°C ~ +105°C

| Type | Part NO.            | A           | B          | Wire    | Current Rating(A) |
|------|---------------------|-------------|------------|---------|-------------------|
| A    | FDV0201-FOWS1XXK6LA | ø.098(2.50) | .177(4.50) | 14#~16# | 10                |
| B    | FDV0201-FOWS1XXK6LB | ø.142(3.60) | .197(5.00) | 10#~12# | 20                |
| C    | FDV0201-FOWS1XXK6LC | ø.173(4.40) | .217(5.50) | 8#~10#  | 30                |
| D    | FDV0201-FOWS1XXK6LD | ø.217(5.50) | .217(5.50) | 6#~8#   | 40                |

## Ordering Information

|     |    |    |   |    |   |   |   |    |    |    |    |
|-----|----|----|---|----|---|---|---|----|----|----|----|
| FDV | 02 | 01 | — | F0 | W | S | 1 | XX | K6 | L  | X  |
| 1   | 2  | 3  |   | 4  | 5 | 6 | 7 | 8  | 9  | 10 | 11 |

|   |                                                |   |                                                                         |   |                            |    |                        |    |                                                |   |                               |
|---|------------------------------------------------|---|-------------------------------------------------------------------------|---|----------------------------|----|------------------------|----|------------------------------------------------|---|-------------------------------|
| 1 | Category<br>FDV—Power Type<br>D—SUB Connectors | 2 | Circuits<br>02—2Circuits                                                | 3 | Distinction No.<br>01      | 4  | Type<br>F0—Female      | 5  | Assembly Layout<br>W—Welding Type              | 6 | Entry Type<br>S—180° Vertical |
| 7 | Plating<br>1—Gold Plated                       | 8 | Thickness of Plating<br>01—1μ"<br>15—15μ"....<br>Custom plate available | 9 | Plastic Colour<br>K6—Black | 10 | Packaging<br>L—PE Pipe | 11 | Type<br>A—Type A C—Type C<br>B—Type B D—Type D |   |                               |

|                                                                                                                   |            |                                          |            |                      |                   |                                                                                                                                                                       |                       |                                                                                                     |  |       |
|-------------------------------------------------------------------------------------------------------------------|------------|------------------------------------------|------------|----------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------------------------------------------------------------------------------------|--|-------|
| <br>THIRD ANGLE<br>PROJECTION |            | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |            | APPROVE BY<br>FRANK  | DATE<br>19/JUL/13 | PART NO.<br>FDV0201-FOWS1XXK6LX                                                                                                                                       | ITEM NO.<br>FDV0201-F | <br>3K-KAMING® |  |       |
| DESIGN UNITS<br>Inch (metric)                                                                                     |            | X.±.012(0.30)                            | X.±5°      | CHECKED BY<br>CHERRY | DATE<br>19/JUL/13 | TITLE<br>POWER MACHINED CONTACT FEMALE 2V2 CONN                                                                                                                       |                       |                                                                                                     |  | REV 0 |
| SCALE<br>5:1                                                                                                      | SIZE<br>A4 | X.XX±.006(0.15)                          | .XX'±1°    | DRAWN BY<br>JACOB    | DATE<br>19/JUL/13 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO DONG GUAN LANG LUN(3K-KAMING) ELECTRONIC PRODUCTS CO.,LTD. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                       |                                                                                                     |  |       |
|                                                                                                                   |            | X.XXX±.004(0.10)                         | .XXX'±0.5° |                      |                   |                                                                                                                                                                       |                       |                                                                                                     |  |       |