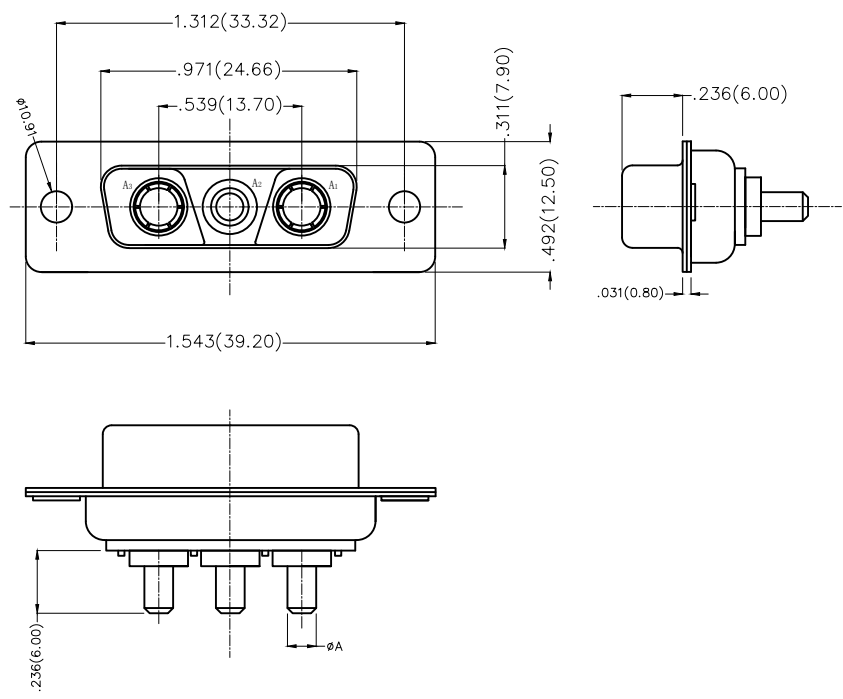


| REV | LOCATIONS | DESCRIPTION | DATE | REVISER | APPD |
|-----|-----------|-------------|------|---------|------|
| | | | | | |

1. Electrical Characteristic
 - 1.1 Current Rating
Power Contacts: 10 to 40A
 - 1.2 Voltage Rating: 300V
 - 1.3 Contact Resistance: 5 Milliohms Max
 - 1.4 Insulation Resistance: 5000 Megaohms Min.
 - 1.5 Dielectric Withstanding Voltage : 1000V AC r.m.s Min

2. Materials And Finish
 - 2.1 Shell: Steel Material, Front Nickel Plated 80u" Min
Back Shell Tin Plated 100u" Min
 - 2.2 Insulator: Glass Filled Thermoplastic, UL 94V-0 , Colour: Black
 - 2.3 Power Contacts: Bronze /Gold Plated 3u"~30u"
3. Temperature Range-Operating: -55°C ~ +105°C



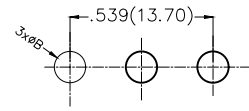
| Type | Part NO. | ØA | PCB. ØB | Current Rating(A) |
|------|---------------------|------------|------------|-------------------|
| A | FDV0305-F0DS1XXK6LA | .067(1.70) | .079(2.00) | 10 |
| B | FDV0305-F0DS1XXK6LB | .108(2.75) | .118(3.00) | 20 |
| C | FDV0305-F0DS1XXK6LC | .130(3.30) | .142(3.60) | 30 |
| D | FDV0305-F0DS1XXK6LD | .150(3.80) | .161(4.10) | 40 |

Ordering Information

FDV 03 05 - F0 D S 1 XX K6 L X
 1 2 3 4 5 6 7 8 9 10 11

| | | | | | | | | | | | |
|---|-----------------------------------------------|---|--------------------------------------------------------|---|----------------------------|----|------------------------|----|------------------------------------------------|---|--------------------------------|
| 1 | D-sub Connector Series Name FDV-Power Type | 2 | Circuits 03-3V3 | 3 | Distinction No. 05 | 4 | Type F0-Female | 5 | Assembly Layout D-DIP | 6 | Entry Type S-Top entry type |
| 7 | Plating 1-Gold Flash | 8 | Thickness of Plating 03-3u" 15-15u" 30-30u"..... | 9 | Plastic Colour K6-Black | 10 | Packaging L-PE Pipe | 11 | Type A-Type A C-Type C B-Type B D-Type D | | |

Recommended P.C.Board Layout



| | | | | | | | |
|----------------------------|---------------------------------------|-------------------------------------|-----------------------|----------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| THIRD ANGLE PROJECTION | GENERAL TOLERANCES (UNLESS SPECIFIED) | | APPROVE BY FRANK | DATE 19/JUL/13 | PART NO. FDV0305-F0DS1XXK6LX | ITEM NO. FDV0305-F | Leader Of Industry |
| | DESIGN UNITS Inch (metric) | X.±.012(0.30) X.X±.008(0.20) | X.'±5' .X'±2' | CHECKED BY CHERRY | DATE 19/JUL/13 | TITLE POWER MACHINED CONTACT FEMALE 3V3 CONN | |
| SCALE 5:1 | SIZE A4 | X.XX±.006(0.15) X.XXX±.004(0.10) | .XX'±1' .XXX'±0.5' | DRAWN BY JACOB | DATE 19/JUL/13 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | |