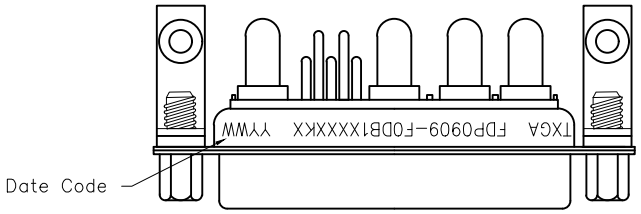
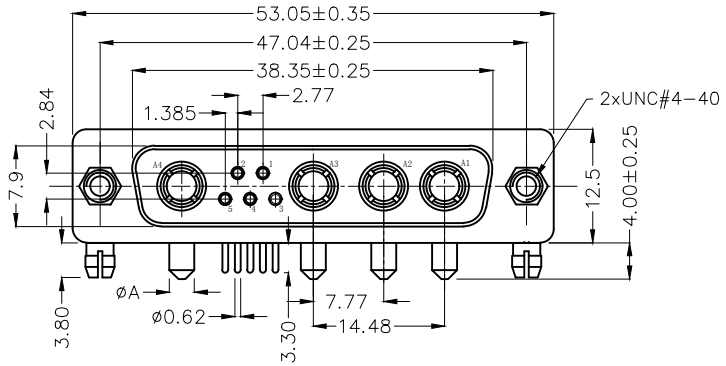
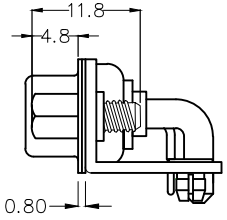
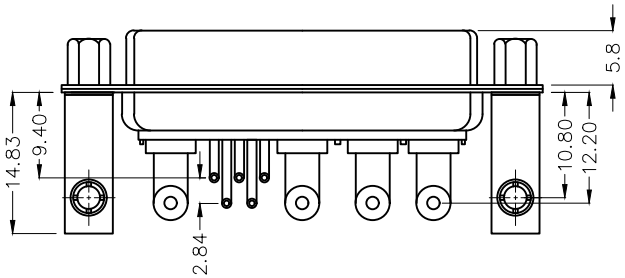
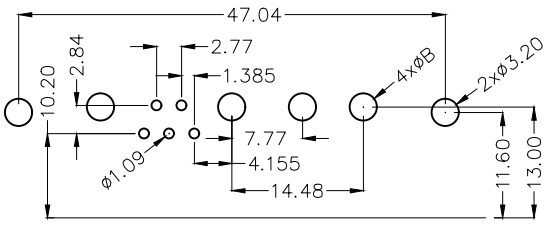
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD











Recommended P.C.Board Layout

SPECIFICATIONS

Electrical Characteristic
- Current Rating: Signal Contacts: 5A
  Power Contacts: 10 to40A
- Voltage Rating: 500V
- Contact Resistance: 30mΩ Max.
- Insulation Resistance: 3000 MΩ Min.
- Dielectric Withstanding Voltage: 1000V AC r.m.s Min
- Temperature Range-Operating: -55℃ ~ +105℃

Material and plating
- Shell: Steel, Nickel Plated (For Black Resin)
  Stainless Steel, Nickel Plated (For Green Resin)
- Back Shell: Steel, Tin Plated (For Black Resin)
  Stainless Steel, Nickel Plated (For Green Resin)
- Insulator: PBT (UL 94V-0)
- Signal Contacts: Copper Alloy/ Gold Plated
- Power Contacts: Copper Alloy/ Gold Plated
- Bracket: Steel/ Tin Plated
- Board Lock: Copper Alloy/ Tin Plated
- Screws: Copper Alloy/ Nickel Plated

Type	Part NO.	A	B	Current Rating(A)
A	FDP0909-F0DB1XXXXKA	ø1.70	ø2.00	10
B	FDP0909-F0DB1XXXXKB	ø2.75	ø3.00	20
C	FDP0909-F0DB1XXXXKC	ø3.30	ø3.60	30
D	FDP0909-F0DB1XXXXKD	ø3.80	ø4.10	40

Ordering Information

FDP	09	09	—	F0	D	B	1	XX	XX	K	X
1	2	3		4	5	6	7	8	9	10	11

1 D-sub Connector Category: FDP-Power Type

2 Circuits: 09-9W4

3 Distinction No.: 09

4 Type: F0-Female

5 Assembly Layout: D-DIP

6 Entry Angle: B-90° Angle

7 Plating: 1-Gold Plated

8 Thickness of Plating: 01-1μ", 03-3μ", 15-15μ", Custom Plate Available

9 Color-Resin: K6-Black, GN-Green

10 Packaging: K-Tray

11 Distinction Type: A-Type A, B-Type B, C-Type C, D-Type D

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 25/JAN/25	PART NO. FDP0909-F0DB1XXXXKX / ITEM NO. FDP0909-F
DESIGN UNITS mm	X. ±0.30	X.° ±5°	CHECKED BY GISELLE	DATE 25/JAN/25	TITLE: Hight current D-SUB connector 9W4 90° Angle Female
	X.X ±0.20	X.X° ±2°			
SCALE 5:1 / SIZE A4	X.XX ±0.15	X.XX° ±1°	DRAWN BY NICK	DATE 25/JAN/25	REV 0 / SHEET NO. 1/1
	X.XXX ±0.10	X.XXX° ±0.5°			

TXGA Building Technology Cornerstone

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION