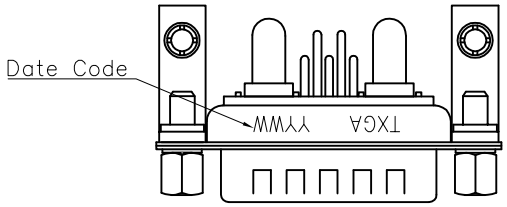
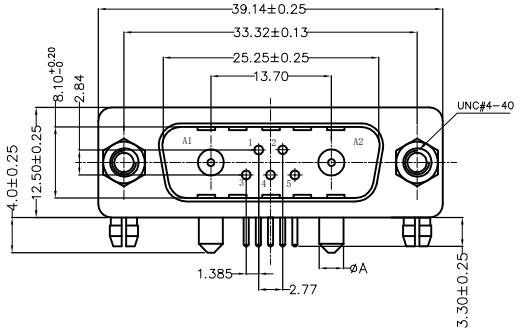
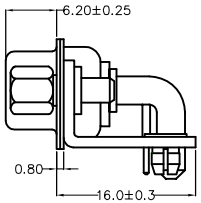
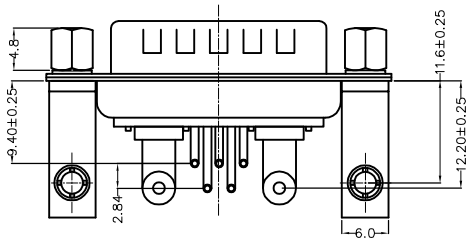
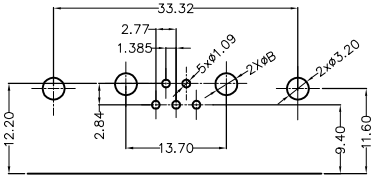
REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD











Recommended P.C.Board Layout

General tolerances: ±0.05mm

SPECIFICATIONS

Electrical Characteristic
- Current Rating:
  - Signal contacts: 5A
  - Power contacts: 10 to 40A
- Voltage Rating: 300V
- Contact Resistance: 5mΩ Max.
- Insulation Resistance: 5000 MΩ Min.
- Dielectric Withstanding Voltage: 1000V AC r.m.s Min
- Temperature Range–Operating: –55°C ~ +105°C

Material and plating
- Shell: Steel, Nickel Plated 80μ" Min
- Back Shell: Steel, Tin Plated 100μ" Min
- Insulator: PBT (UL 94V–0)
- Signal contacts: Brass/ Gold Plated
- Power Contacts: Brass/ Gold Plated
- Board Lock: Copper Alloy/ Tin Plated
- Screws: Steel/Nickel Plated

Salt spray : 24H Min.

Type	Part NO.	øA	PCB. øB	Current Rating(A)
A	FDP0714–M0DB1XXBKKA	1.70	2.00	10
B	FDP0714–M0DB1XXBKKB	2.75	3.00	20
C	FDP0714–M0DB1XXBKKC	3.30	3.60	30
D	FDP0714–M0DB1XXBKKD	3.80	4.10	40

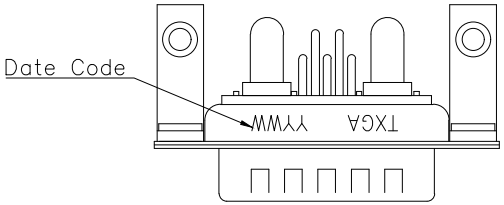
Ordering Information

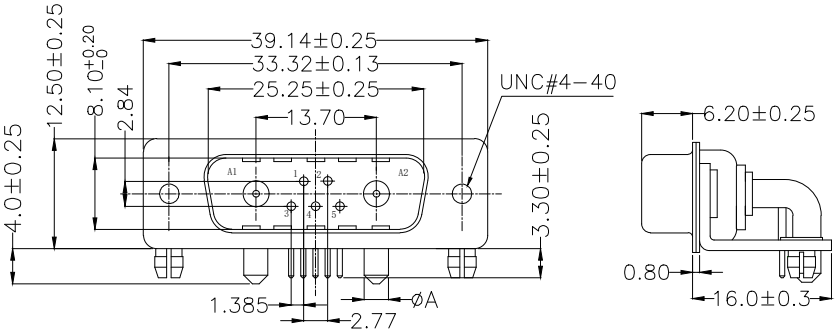
FDP	07	14	—	M0	D	B	1	XX	BK	K	X
1	2	3		4	5	6	7	8	9	10	11

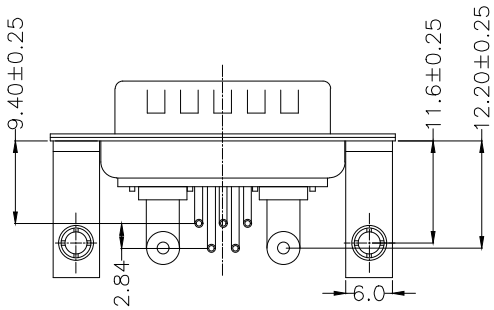
1	D–sub Connector Category: FDP–Power Type	2	Circuits: 07–7W2	3	Distinction No.: 14	4	Type: M0–Male	5	Assembly Layout: D–DIP	6	Entry Angle: B–90° Angle
7	Plating: 1–Gold Plated	8	Thickness of Plating: 03–0.075μm, 15–0.375μm, 30–0.75μm	9	Color–Resin: BK–Black	10	Packaging: K–Tray	11	Type: A–Type A C–Type C, B–Type B D–Type D		

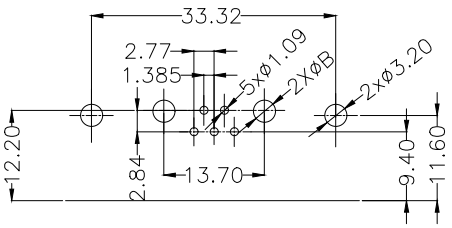
THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	TXGA Building Technology Cornerstone
	X. ±0.30	X.° ±5°	LEO	20/JUL/24	FDP0714–M0DB1XXBKKX	FDP0714	
DESIGN UNITS METRIC(mm)	X.X ±0.20	X.X° ±2°	CHECKED BY GISELLE	DATE 20/JUL/24	TITLE Hight current D–SUB connector 7W2 90°Angle Male(DIP)		REV 0 / SHEET NO. 1/1
SCALE 5:1 / SIZE A4	X.XX ±0.15	X.XX° ±1°	DRAWN BY MATT	DATE 20/JUL/24	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	X.XXX ±0.10	X.XXX° ±0.5°					

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD









Recommended P.C.Board Layout

General tolerances: ±0.05mm

SPECIFICATIONS
Electrical Characteristic
- Current Rating:
  - Signal contacts: 5A
  - Power contacts: 10 to 40A
- Voltage Rating: 300V
- Contact Resistance: 5mΩ Max.
- Insulation Resistance: 5000 MΩ Min.
- Dielectric Withstanding Voltage: 1000V AC r.m.s Min
- Temperature Range-Operating: −55℃ ~ +105℃

Material and plating
- Shell: Steel/Front shell Nickel Plated,Back Shell Tin Plated
- Insulator: PBT (UL 94V-0)
- Signal contacts: Brass/ Gold Plated
- Power Contacts: Brass/ Gold Plated
- Board Lock: Copper Alloy/ Tin Plated

Salt spray : 24H Min.

Type	Part NO.	øA	PCB. øB	Current Rating(A)
A	FDP0714-M0DB1XXBKKAA	1.70	2.00	10
B	FDP0714-M0DB1XXBKKBA	2.75	3.00	20
C	FDP0714-M0DB1XXBKKCA	3.30	3.60	30
D	FDP0714-M0DB1XXBKKDA	3.80	4.10	40

Ordering Information

FDP	07	14	—	M0	D	B	1	XX	BK	K	X	A
1	2	3		4	5	6	7	8	9	10	11	12

1 D-sub Connector Category: FDP-Power Type
2 Circuits: 07-7W2
3 Distinction No.: 14
4 Type: M0-Male
5 Assembly Layout: D-DIP
6 Entry Angle: B-90° Angle
7 Plating: 1-Gold Plated
8 Thickness of Plating: 03-0.075μm; 15-0.375μm; 30-0.75μm
9 Color-Resin: BK-Black
10 Packaging: K-Tray
11 Type: A-Type A; B-Type B; C-Type C; D-Type D
12 Distinction Type: A-No screws

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY LEO	DATE 20/JUL/24	PART NO. FDP0714-M0DB1XXBKKXA / ITEM NO. FDP0714
DESIGN UNITS METRIC	X. ±0.30	X.° ±5°	CHECKED BY GISELLE	DATE 20/JUL/24	TITLE: Hight current D-SUB connector 7W2 90°Angle Male(DIP)
SCALE 5:1 / SIZE A4	X.X ±0.20	X.X° ±2°			REV 0 / SHEET NO. 1/1
	X.XX ±0.15	X.XX° ±1°	DRAWN BY NICK	DATE 20/JUL/24	
	X.XXX ±0.10	X.XXX° ±0.5°			

TXGA Building Technology Cornerstone

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