

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Change the structure and size	24/AUG/20	KATE	CHERRY
2	△	Add marking code	15/MAY/25	KATE	LEO
3	△	Revise the structure	26/JUN/25	NICK	LEO

SPECIFICATIONS

Electrical Characteristic

Current Rating:  
 Signal contacts: 7.5A  
 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

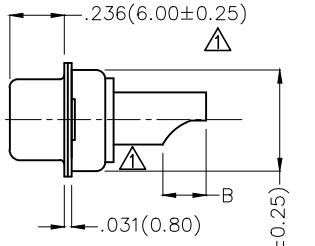
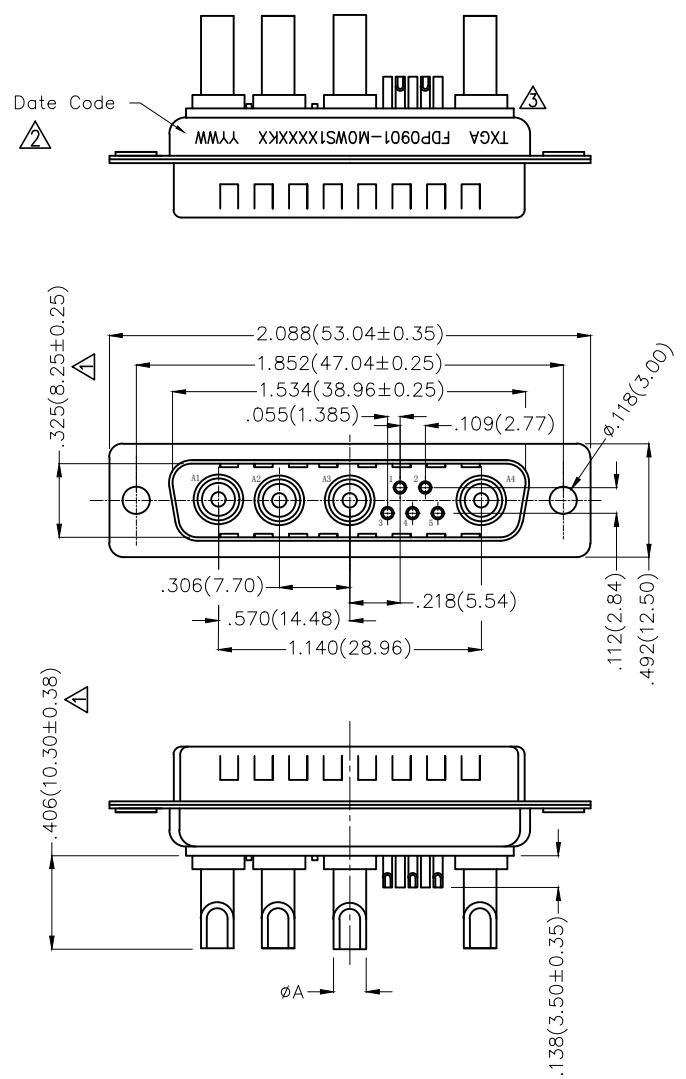
Shell: Steel, Nickel Plated 80μ" Min (For Black Resin)  
 Stainless Steel, Nickel Plated 80μ" Min (For Green Resin)  
 Back Shell: Steel, Tin Plated 100μ" Min (For Black Resin)  
 Stainless Steel, Nickel Plated 80μ" Min (For Green Resin)  
 Insulator: Glass Filled Thermoplastic (UL 94V-0)  
 Signal Contacts: Brass/ Gold Plated  
 Power Contacts: Brass/ Gold Plated

Type	Part NO.	φA	B	Wire	Current Rating(A)
A	FDP0901-MOWS1XXXXKA	.098(2.50)	.177(4.5)	14#~16#	10
B	FDP0901-MOWS1XXXXKB	.142(3.60)	.197(5.0)	10#~12#	20
C	FDP0901-MOWS1XXXXKC	.173(4.40)	.217(5.5)	8#~10#	30
D	FDP0901-MOWS1XXXXKD	.217(5.50)	.217(5.5)	6#~8#	40

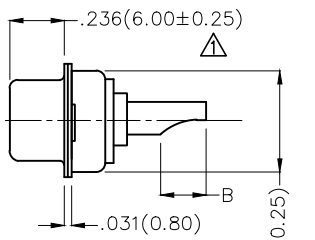
Ordering Information

FDP 09 01 — M0 W S 1 XX XX K X  
 1 2 3 4 5 6 7 8 9 10 11

1	Category FDP-Hight current D-SUB connector	2	Circuits 09-9W4	3	Distinction No. 01	4	Type M0-Male	5	Assembly Layout W-Welding Type		
6	Entry Angle S-180° Vertical	7	Plating 1-Gold Plated	8	Thickness of Plating 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



TYPE D



TYPE A,B,C

THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 19/JUL/13	PART NO. FDP0901-MOWS1XXXXKX	ITEM NO. FDP0901-M	 Building Technology Cornerstone
	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 Hight current D-SUB connector 9W4 180° Vertical Male	
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	

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1	△	Change the structure and size	24/AUG/20	KATE	CHERRY
2	△	Add marking code	15/MAY/25	KATE	LEO
3	△	Revise the structure	26/JUN/25	NICK	LEO

SPECIFICATIONS

Electrical Characteristic

Current Rating:  
 Signal contacts: 7.5A  
 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

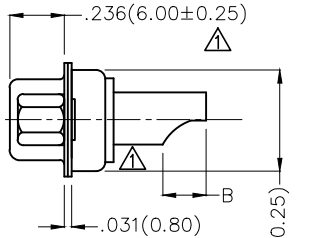
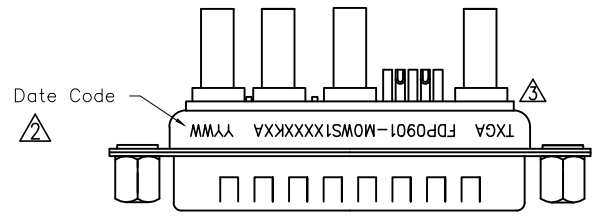
Shell: Steel, Nickel Plated 80μ" Min (For Black Resin)  
 Stainless Steel, Nickel Plated 80μ" Min (For Green Resin)  
 Back Shell: Steel, Tin Plated 100μ" Min (For Black Resin)  
 Stainless Steel, Nickel Plated 80μ" Min (For Green Resin)  
 Insulator: Glass Filled Thermoplastic (UL 94V-0)  
 Signal Contacts: Brass/ Gold Plated  
 Power Contacts: Brass/ Gold Plated  
 Nuts: Steel/ Nickel Plated

Type	Part NO.	φA	B	Wire	Current Rating(A)
A	FDP0901-MOWS1XXXXKAA	.098(2.50)	.177(4.5)	14#~16#	10
B	FDP0901-MOWS1XXXXKBA	.142(3.60)	.197(5.0)	10#~12#	20
C	FDP0901-MOWS1XXXXKCA	.173(4.40)	.217(5.5)	8#~10#	30
D	FDP0901-MOWS1XXXXKDA	.217(5.50)	.217(5.5)	6#~8#	40

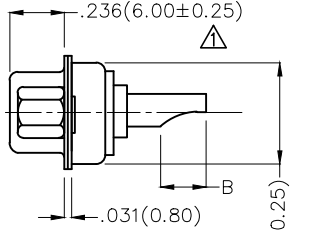
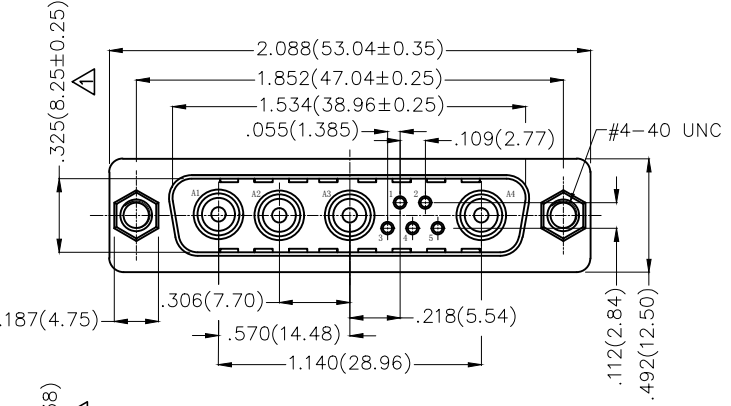
Ordering Information

FDP 09 01 — M0 W S 1 XX XX K X A  
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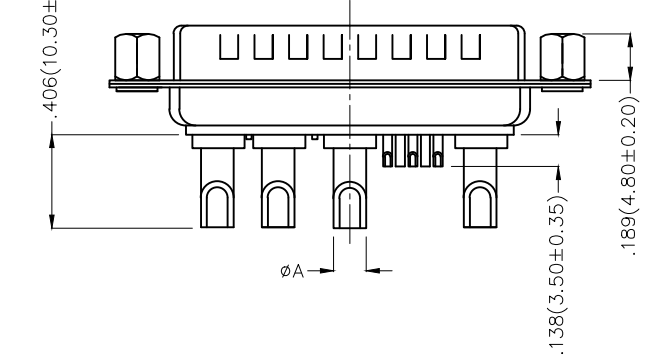
1 Category FDP-Hight current D-SUB connector	2 Circuits 09-9W4	3 Distinction No. 01	4 Type M0-Male	5 Assembly Layout W-Welding Type	6 Entry Angle S-180° Vertical
7 Plating 1-Gold Plated	8 Thickness of Plating 03-3μ" 15-15μ" Custom Plate Available	9 Color-Resin K6-Black GN-Green	10 Packaging K-Tray	11 Distinction Type A-Type A B-Type B C-Type C D-Type D	12 Product Type A-Front Nut (H=4.8mm)



TYPE D



TYPE A,B,C



THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 19/JUL/13	PART NO. FDP0901-MOWS1XXXXKXA	ITEM NO. FDP0901-M	 Building Technology Cornerstone
	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 Hight current D-SUB connector 9W4 180° Vertical Male	
SCALE 5:1	SIZE A4	X.XX±.006(0.15) X.XXX±.004(0.10)	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		

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Change the structure and size	24/AUG/20	KATE	CHERRY
2	△	Add marking code	15/MAY/25	KATE	LEO
3	△	Revise the structure	26/JUN/25	NICK	LEO

**SPECIFICATIONS**

**Electrical Characteristic**

Current Rating:  
 Signal contacts: 7.5A  
 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**

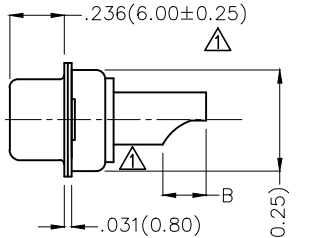
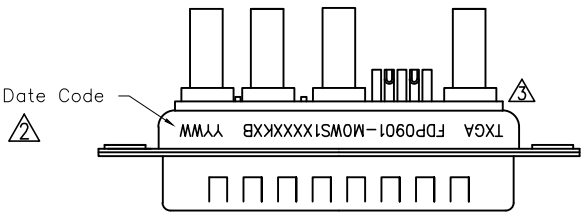
Shell: Steel, Nickel Plated 80μ" Min (For Black Resin)  
 Stainless Steel, Nickel Plated 80μ" Min (For Green Resin)  
 Back Shell: Steel, Tin Plated 100μ" Min (For Black Resin)  
 Stainless Steel, Nickel Plated 80μ" Min (For Green Resin)  
 Insulator: Glass Filled Thermoplastic (UL 94V-0)  
 Signal Contacts: Brass/ Gold Plated  
 Power Contacts: Brass/ Gold Plated  
 Screws: Copper alloy/ Nickel Plated  
 Nuts: Steel/ Nickel Plated

Type	Part NO.	φA	B	Wire	Current Rating(A)
A	FDP0901-MOWS1XXXXKAB	.098(2.50)	.177(4.5)	14#~16#	10
B	FDP0901-MOWS1XXXXKBB	.142(3.60)	.197(5.0)	10#~12#	20
C	FDP0901-MOWS1XXXXKCB	.173(4.40)	.217(5.5)	8#~10#	30
D	FDP0901-MOWS1XXXXKDB	.217(5.50)	.217(5.5)	6#~8#	40

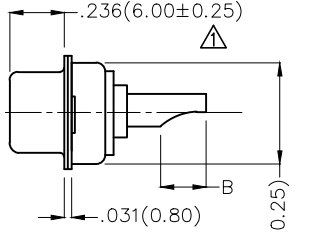
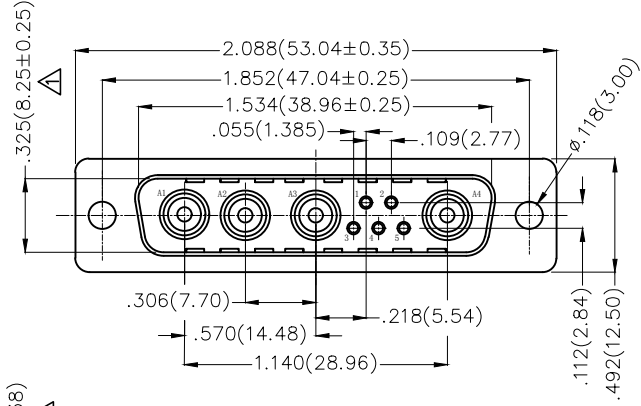
**Ordering Information**

FDP 09 01 — M0 W S 1 XX XX K X B  
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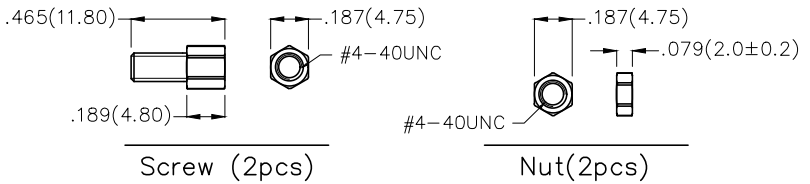
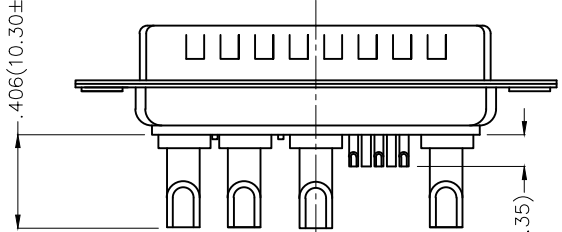
1 Category FDP-Hight current D-SUB connector	2 Circuits 09-9W4	3 Distinction No. 01	4 Type M0-Male	5 Assembly Layout W-Welding Type	6 Entry Angle S-180° Vertical
7 Plating 1-Gold Plated	8 Thickness of Plating 03-3μ" 15-15μ" Custom Plate Available	9 Color-Resin K6-Black GN-Green	10 Packaging K-Tray	11 Distinction Type A-Type A B-Type B C-Type C D-Type D	12 Product Type B-With Screws and Nuts



TYPE D



TYPE A,B,C



THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 19/JUL/13	PART NO. FDP0901-MOWS1XXXXKXB	ITEM NO. FDP0901-M	 Building Technology Cornerstone	
	DESIGN UNITS Inch (metric)	X.±.012(0.30)	X'.±5'	CHECKED BY CHERRY	DATE 19/JUL/13	TITLE Hight current D-SUB connector 9W4 180° Vertical Male		REV 3
SCALE 5:1		SIZE A4	X.XX±.006(0.15)	.XX'±1'	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	