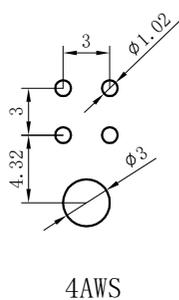
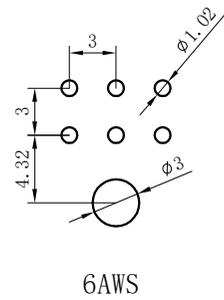


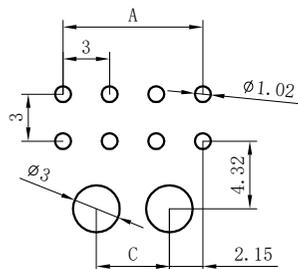
2AWS



4AWS



6AWS



8-24AWS

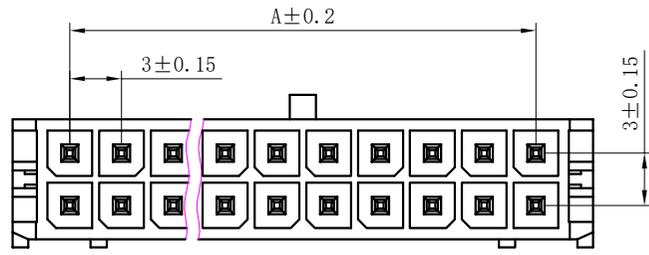
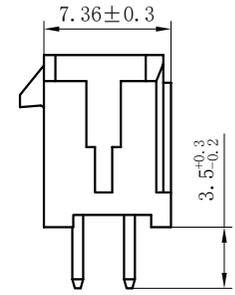
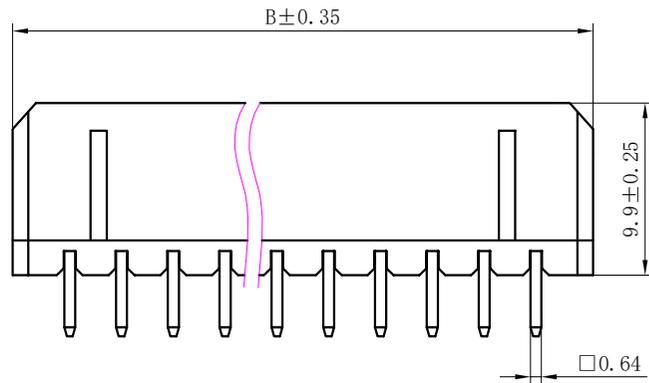
PCB LAYOUT

NOTES:

- 1、Rated voltage: 250V AC.DC
- 2、Rated current : 3.5A AC.DC
- 3、Contact resistance : $\leq 20m\Omega$
- 4、Insulation resistance : $\geq 1000M\Omega$
- 5、Withstand voltage : 1000V AC/minute
- 6、Ambient temperature : $-40^{\circ}C \sim 105^{\circ}C$
- 7、Materials : Nylon UL94V-0
- 8、Pin Material : Brass.Tin-plated .
- 9、Green Material RoHS Compliant

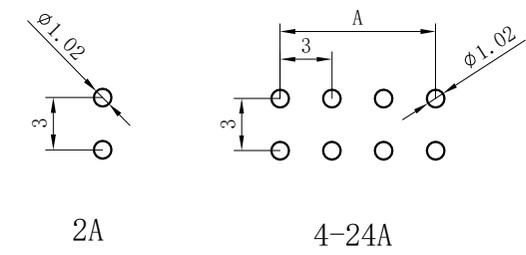
Circuits	Product name	Dimension mm		
		A	B	C
2X1	FG-MX3.0-2AW	0	6.6	0
2X2	FG-MX3.0-4AW	3.0	9.6	0
2X3	FG-MX3.0-6AW	6.0	12.6	0
2X4	FG-MX3.0-8AW	9.0	15.6	4.7
2X5	FG-MX3.0-10AW	12.0	18.6	7.7
2X6	FG-MX3.0-12AW	15.0	21.6	10.7
2X7	FG-MX3.0-14AW	18.0	24.6	13.7
2X8	FG-MX3.0-16AW	21.0	27.6	16.7
2X9	FG-MX3.0-18AW	24.0	30.6	19.7
2X10	FG-MX3.0-20AW	27.0	33.6	22.7
2X11	FG-MX3.0-22AW	30.0	36.6	25.7
2X12	FG-MX3.0-24AW	33.0	39.6	28.7

GENERAL TOLERANCES (UNLESS SPECIFIED)		SHENZHEN FUGANG TECHNOLOGY CO., LTD	
.X: ± 0.25	X°: ± 3.0°	PRODUCT NAME:	TITLE: 3.0 mm Pitch Wire To Board Wafer
.XX: ± 0.15	.X°: ± 2.0°	MX(3.0) Double-row curved needle with column	PART NO: FG-MX3.0-2*NAW
.XXX: ± 0.01	.XX°: ± 1.0°	DR:DL	DATE:26/01/26
FINISH:		CHKD: ZFC	DATE:26/01/26
		APPD:LPJ	DATE:26/01/26
			SCALE: N/A
			PAGE: 1/1
			UNITS: mm
			REV.: B



NOTES :

1. Rated voltage: 250V AC.DC
2. Rated current: 3.5A AC DC
3. Contact resistance: $\leq 20 \text{ m}\Omega$
4. Insulation resistance: $\geq 1000 \text{ M}\Omega$
5. Withstand voltage: 1000V AC/minute
6. Ambient temprature: $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$
7. Materials: Nylon UL94V-0
8. Pin Material : Brass. Tin-plated .
9. Matched RoHS criteria



PCB LAYOUT

Circuits	Product name	Dimension mm		Circuits	Product name	Dimension mm	
		A	B			A	B
2X1	FG-MX3. 0-2A	0	6.6	2X7	FG-MX3. 0-14A	18.0	24.6
2X2	FG-MX3. 0-4A	3.0	9.6	2X8	FG-MX3. 0-16A	21.0	27.6
2X3	FG-MX3. 0-6A	6.0	12.6	2X9	FG-MX3. 0-18A	24.0	30.6
2X4	FG-MX3. 0-8A	9.0	15.6	2X10	FG-MX3. 0-20A	27.0	33.6
2X5	FG-MX3. 0-10A	12.0	18.6	2X11	FG-MX3. 0-22A	30.0	36.6
2X6	FG-MX3. 0-12A	15.0	21.6	2X12	FG-MX3. 0-24A	33.0	39.6

GENERAL TOLERANCES (UNLESS SPECIFIED)		SHENZHEN FUGANG TECHNOLOGY CO., LTD	
.X: ± 0.25	X° : $\pm 3.0^{\circ}$	PRODUCT NAME:	TITLE: 3.0 mm Pitch Wire To Board Wafer
.XX: ± 0.15	.X° : $\pm 2.0^{\circ}$	MX(3.0) double-row straight pins	PART NO: FG-MX3. 0-2*NA
.XXX: ± 0.01	.XX° : $\pm 1.0^{\circ}$	DR:DL	DATE:26/01/26
FINISH:		CHKD:ZFC	DATE:26/01/26
		APPD:LPJ	DATE:26/01/26
		UNITS: mm	PAGE: 1/1
			REV. : B

1 2 3 4 5 6 7 8

A

B

C

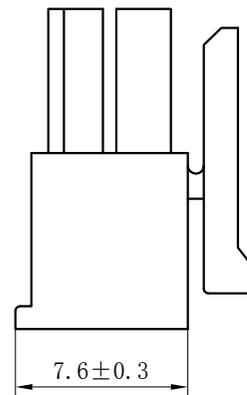
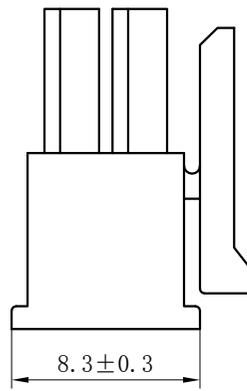
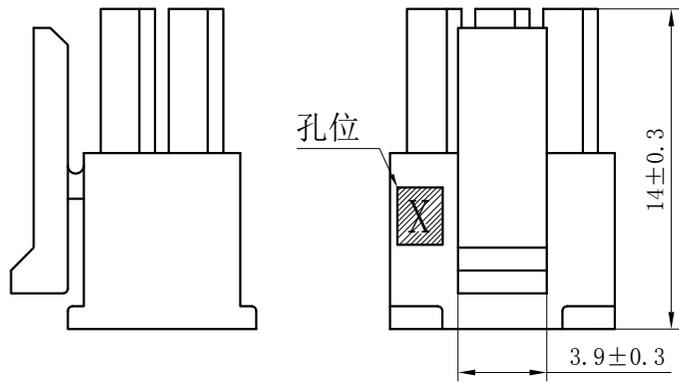
D

E

F

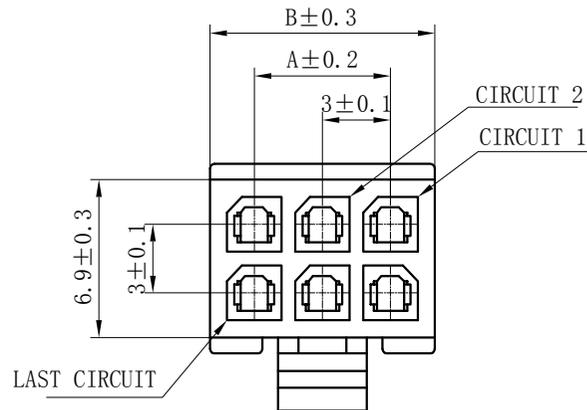
4-24PIN

2PIN



SPECIFICATIONS

- 1、Current Rating:3.5A AC, DC
- 2、Voltage Rating: 250V AC, DC
- 3、Temperatuer Range: -40℃~ +105℃
- 4、Contact Resistance: 20mΩ Max
- 5、Insulation Resistance: 1000mΩ Min
- 6、Withstanding Voltang: 1000V AC/minute
- 7、Material: Housing Nylon66 UL94-V0



Circuits	Product name	Dimension mm	
		A	B
2X1	FG-MX3.0-2Y	-	3.90
2X2	FG-MX3.0-4Y	3.00	6.90
2X3	FG-MX3.0-6Y	6.00	9.90
2X4	FG-MX3.0-8Y	9.00	12.90
2X5	FG-MX3.0-10Y	12.00	15.90
2X6	FG-MX3.0-12Y	15.00	18.90
2X7	FG-MX3.0-14Y	18.00	21.90
2X8	FG-MX3.0-16Y	21.00	24.90
2X9	FG-MX3.0-18Y	24.00	27.90
2X10	FG-MX3.0-20Y	27.00	30.90
2X11	FG-MX3.0-22Y	30.00	33.90
2X12	FG-MX3.0-24Y	33.00	36.90

GENERAL TOLERANCES (UNLESS SPECIFIED)

.X: ± 0.25	X° : ± 3.0°
.XX: ± 0.15	.X° : ± 2.0°
.XXX: ± 0.01	.XX° : ± 1.0°
FINISH: _____	

SHENZHEN FUGANG TECHNOLOGY CO., LTD

PRODUCT NAME:		TITLE:	
MX(3.0) Double-row hole seat		3.0mm Pitch Housing	
DR:D L	DATE:26/01/26	PART NO:	
		FG-MX3.0-2*NY	
CHKD:ZFC	DATE:26/01/26	SCALE: N/A	PAGE: 1/1
APPD:LPJ	DATE:26/01/26	UNITS: mm	REV.: A

1 2 3 4 5 6 7 8