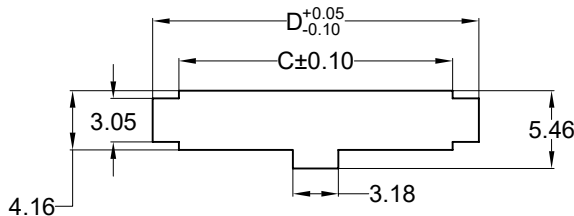
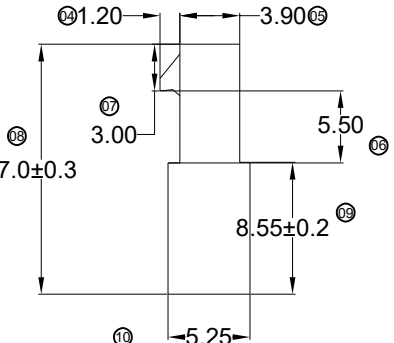
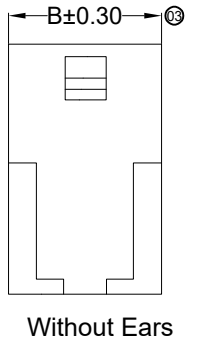
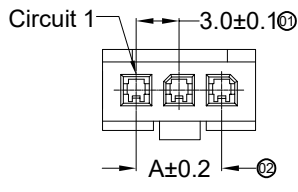
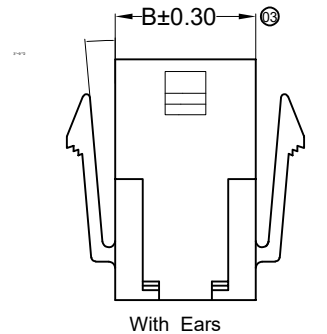
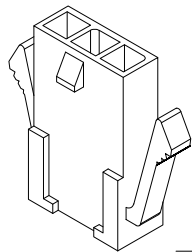
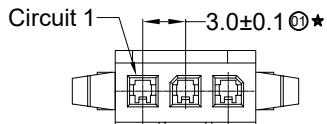
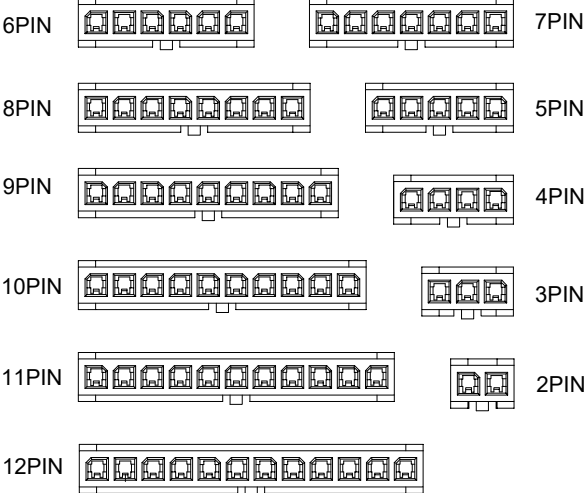


RoHS



With Ears Recommended P.C.B Layout
General Tolerance±0.05 T=1.60~2.40mm



- Specifications(规格):
- Voltage rating(额定电压): 250V AC / DC
 - Current rating(额定电流): 5A AC / DC
 - Withstanding voltage(耐压值): 1000V AC/minute
 - Temperature range(工作温度): -40°C~+105°C
 - Insulation resistance(绝缘电阻): ≥1000MΩ
 - Contact resistance(接触电阻): ≤10mΩ
 - After environmental testing(环境测试后): ≤20mΩ

- Suitable Terminal: M3001TM
- Mates With Housing: M3001HM

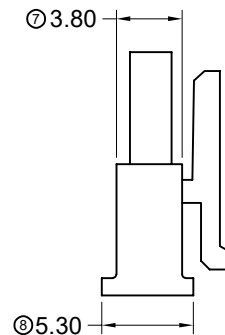
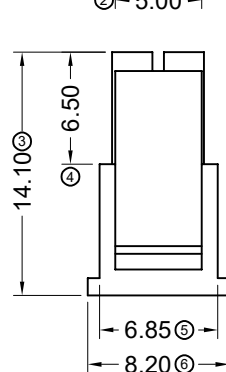
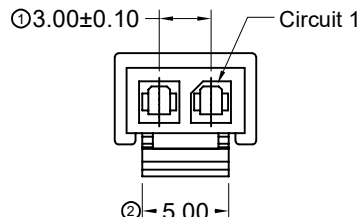
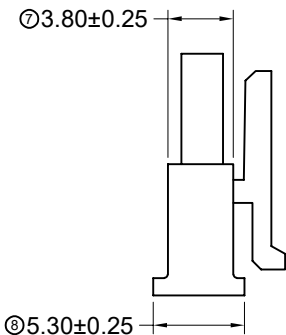
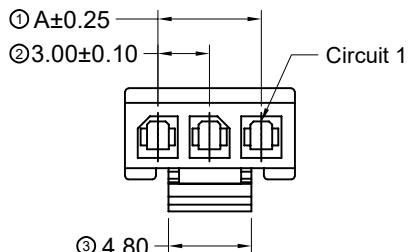
M 30 01 H F - XX 66 N
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- ① Letter: Molex
② Series No.: 3.00 MM
③ Code Name
④ Category H-Housing
⑤ F-Female
⑥ Row No.-Pin No: 2Pin~12Pin
⑦ Plastic Material: XX- PAXX, UL94V-0, LP- LCP, UL94V-0
⑧ Color: N-White, R-Red, B-Black, L-Blue

Poles	Dimensions(mm)			
	A	B	C	D
02	3.00	6.90	7.21	10.89
03	6.00	9.90	10.21	13.89
04	9.00	12.90	13.21	16.89
05	12.00	15.90	16.21	19.89
06	15.00	18.90	19.21	22.89
07	18.00	21.90	22.21	25.89
08	21.00	24.90	25.21	28.89
09	24.00	27.90	28.21	31.89
10	27.00	30.90	31.21	34.89
11	30.00	33.90	34.21	37.89
12	33.00	36.90	37.21	40.89

							GENERAL TOLERANCE		东莞市翰皓精密电子有限公司				PART NO.	
							.X ±0.30		DONGGUAN HANHAO PRECISION ELECTRONIC CO.,LTD				M3001HF-XX	
							.XX ±0.20						TITLE	
							.XXX ±0.10						3.00 mm Crimp Style Connectors	
									APPROVAL	CHECK	DRAWN	DATA	UNIT	SCALE
									XU	L.Q.F	LI	2025/05/28	MM	1 : 1
													NUMBER	REV
													A-198	A

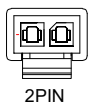
RoHS



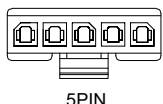
2P

M 30 01 H M - XX 66 B
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

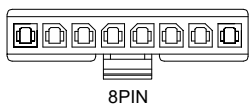
- ① Letter: Molex
- ② Series No.: 3.00 MM
- ③ Code Name
- ④ Category H-Housing
- ⑤ M-Male
- ⑥ Row No.-Pin No: 2Pin~12Pin
- ⑦ Plastic Material: XX- PAXX, UL94V-0, LP- LCP, UL94V-0
- ⑧ Color: N-White, R-Red, B-Black, L-Blue



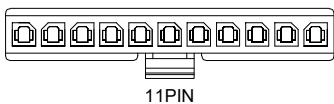
2PIN



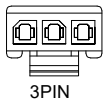
5PIN



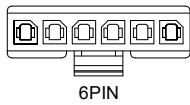
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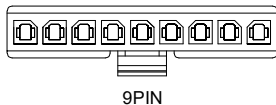
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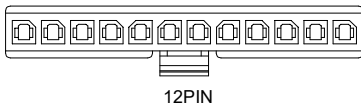
3PIN



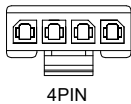
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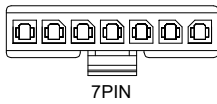
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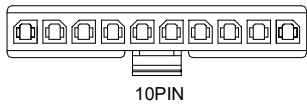
12PIN



4PIN



7PIN



10PIN

Poles	Dimensions (mm)		Poles	Dimensions (mm)	
	A	B		A	B
03	6.00	9.85	08	21.00	24.85
04	9.00	12.85	09	24.00	27.85
05	12.00	15.85	10	27.00	30.85
06	15.00	18.85	11	30.00	33.85
07	18.00	21.85	12	33.00	36.85

GENERAL TOLERANCE

.X ±0.30
.XX ±0.20
.XXX ±0.10

东莞市翰皓精密电子有限公司

DONGGUAN HANHAO PRECISION ELECTRONIC CO.,LTD

APPROVAL

CHECK

DRAWN

DATA

XU

L.Q.F

LI

2025/05/28

PART NO.

M3001HM-XX

TITLE

3.00 mm Crimp Style Connectors

UNIT

MM

SCALE

1 : 1

NUMBER

A-198

REV

A

DATE

OLD REV

NEW REV

ECN

DESCRIPTION

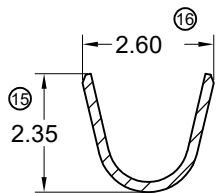
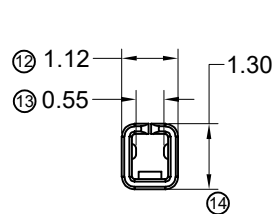
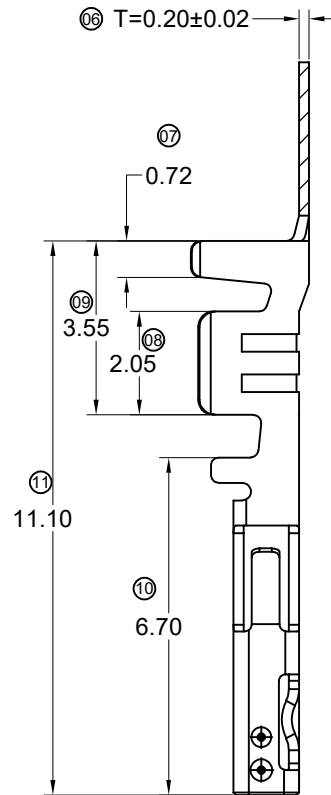
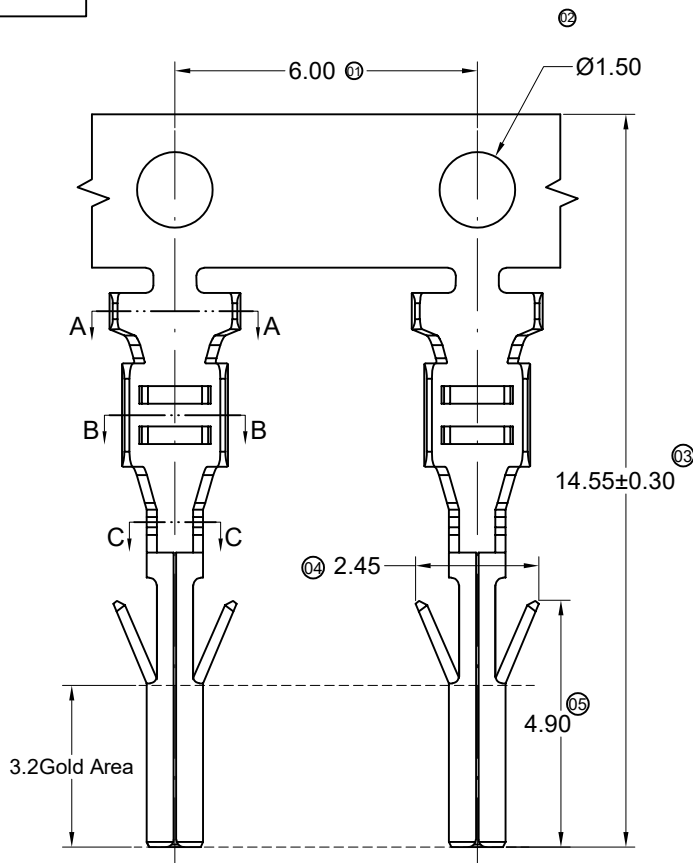
CHECK

APPROVAL

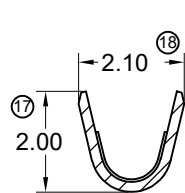
PROJECT



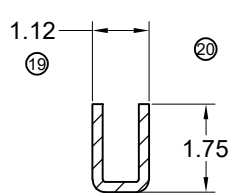
RoHS



SECTION: A-A
SCALE: 1:1



SECTION: B-B
SCALE: 1:1

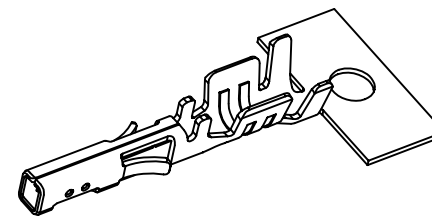


SECTION: C-C
SCALE: 1:1

■ Specifications(规格):

- Voltage rating (额定电压): 250V AC / DC
- Current rating (额定电流): 5A AC / DC
- Withstanding voltage (耐压值): 1000V AC/minute
- Temperature range (工作温度): -40°C~+105°C
- Insulation resistance (绝缘电阻): ≥1000MΩ
- Contact resistance (接触电阻): ≤10mΩ
- After environmental testing (环境测试后): ≤20mΩ

- Wire Size: AWG#20~24 (0.5~0.22mm²)
- Insulation O.D.: 1.85mm (Max)
- Used In Housing: M3001HF :M3003HF

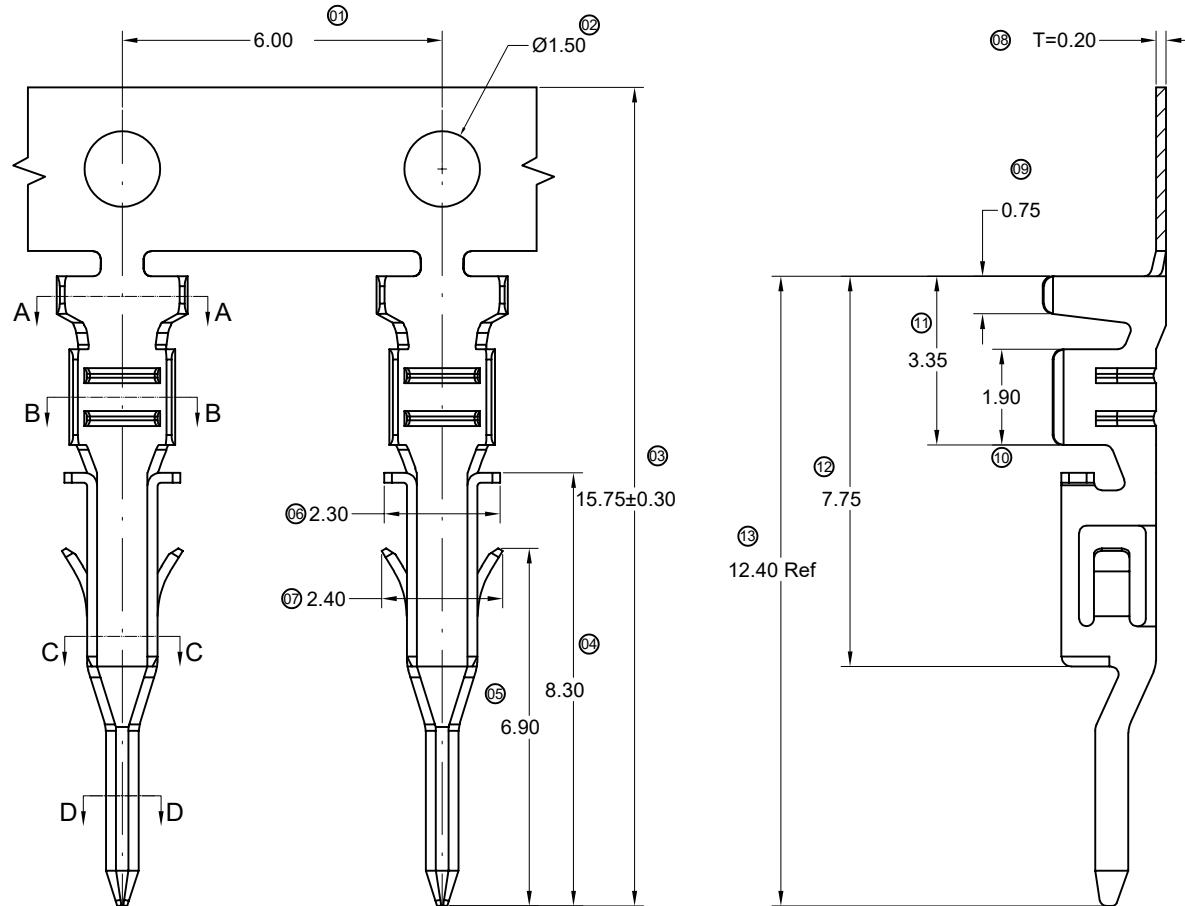


M 30 01 T F P - X S
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- ① Letter: Molex
- ② Series No.: 3.00 MM
- ③ Code Name
- ④ Category: T-Terminal
- ⑤ F-Female
- ⑥ Material: P-Phosphor bronze
- ⑦ Plating Code:
 - Contact Area gold 30u "Min,Ni 20u" Min
 - Contact Area gold 15u "Min,Ni 20u" Min
 - Contact Area Gold Flash,Ni:50u"Min
 - Bright tin plating100u"Min Sn,Ni:50u"Min
- ⑧ Plating Process: S-Stamping-first then Plating

							GENERAL TOLERANCE .X ±0.30 .XX ±0.20 .XXX ±0.10	东莞市翰皓精密电子有限公司 DONGGUAN HANHAO PRECISION ELECTRONIC CO.,LTD				PART NO. M3001TF			
								APPROVAL	CHECK	DRAWN	DATA	TITLE 3.00 mm Female Terminal			
												UNIT MM	SCALE 1 : 1	NUMBER A-198	REV A
DATE	OLD REV	NEW REV	ECN	DESCRIPTION	CHECK	APPROVAL	PROJECT 	XU	L.Q.F	LI	2025/05/28				

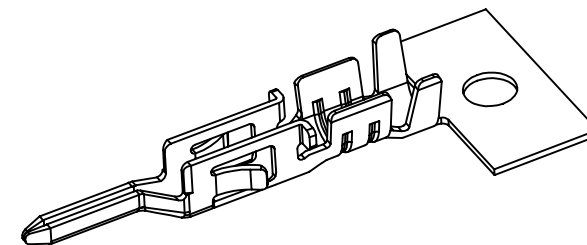
RoHS



■ Specifications(规格):

- Voltage rating (额定电压): 250V AC / DC
- Current rating(额定电流): 5A AC / DC
- Withstanding voltage(耐压值): 1000V AC/minute
- Temperature range(工作温度): -40°C~+105°C
- Insulation resistance(绝缘电阻): ≥1000MΩ
- Contact resistance(接触电阻): ≤10mΩ
- After environmental testing(环境测试后): ≤20mΩ

- Wire Size:AWG#20~24(0.5~0.22mm²)
- Insulation O.D.:1.85mm(Max)
- Used In Housing:M3001HM :M3003HM



M 30 01 T M P - B S
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- ① Letter: Molex
- ② Series No.: 3.00 MM
- ③ Code Name
- ④ Category: T-Terminal
- ⑤ M-Male
- ⑥ Material: P-Phosphor bronze
- ⑦ Plating Code: B-Bright tin plating(30u" Ni Min;70u"Sn Min)
- ⑧ Plating Process: S-Stamping-first then Plating

SECTION: A-A
SCALE: 1:1

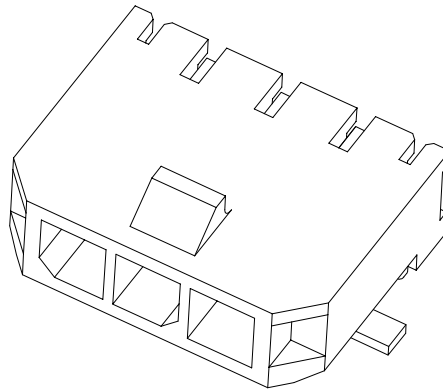
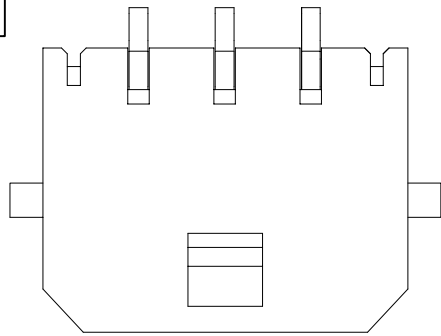
SECTION: B-B
SCALE: 1:1

SECTION: C-C
SCALE: 1:1

SECTION: D-D
SCALE: 1:1

							GENERAL TOLERANCE		东莞市翰皓精密电子有限公司				PART NO.			
							.X ±0.30		DONGGUAN HANHAO PRECISION ELECTRONIC CO.,LTD				M3001TM			
							.XX ±0.20		APPROVAL				TITLE			
							.XXX ±0.10		CHECK				3.00 mm Male Terminal			
							PROJECT		DRAWN				UNIT			
							APPROVAL		DATA				SCALE			
							DATE		XU				1:1			
							OLD REV		L.Q.F				NUMBER			
							NEW REV		LI				A-198			
							ECN		2025/05/28				REV			
							DESCRIPTION						A			
							CHECK									
							APPROVAL									

RoHS



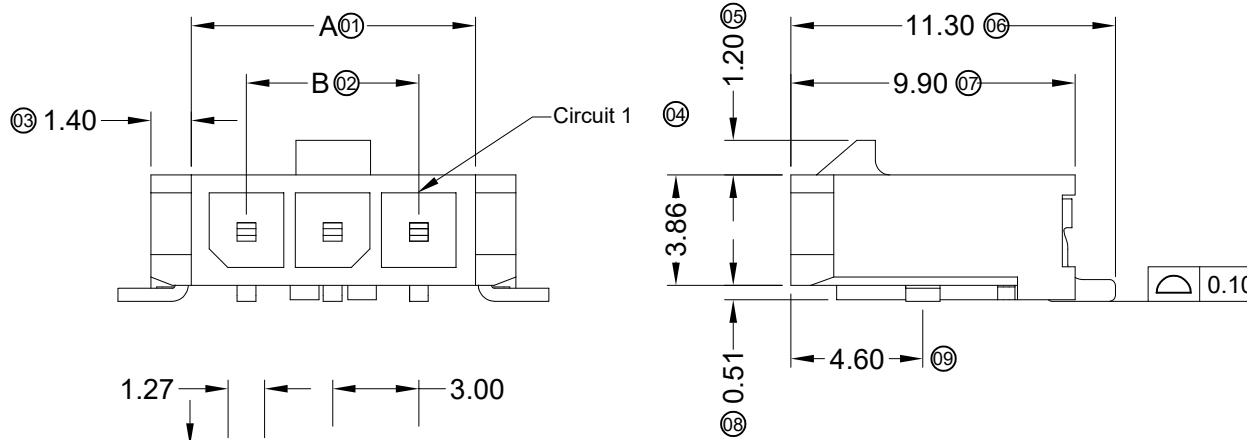
■ Specifications(规格) :

- Voltage rating(额定电压): 250V AC / DC
- Current rating(额定电流): 5A AC / DC
- Withstanding voltage(耐压值): 1000V AC/minute
- Temperature range(工作温度): -40°C~+105°C
- Insulation resistance(绝缘电阻): ≥1000MΩ
- Contact resistance(接触电阻): ≤10mΩ
- After environmental testing(环境测试后): ≤20mΩ

- Used In Housing:M3001HM

M 30 01 W R S - XX - LP B B XX
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪

- ① Letter: Molex
② Series No.: 3.00 MM
③ Code Name
④ Category: W-Wafer
⑤ Welding Board Angle: R-Right Angle 90°
⑥ Welding form: S-SMT
⑦ Row No.-Pin No: Single Row
XX-Single Row 2Pin~12PIN
⑧ Plastic Material: XX- PAXX, UL94V-0, LP- LCP, UL94V-0
⑨ Color: N-White, R-Red, B-Black, L-Blue
⑩ Metallic Material: Brass(Pin and Solder tabs)
⑪ Plating Code:
Matte Tin plating
Contact Area Gold 15u" Min.

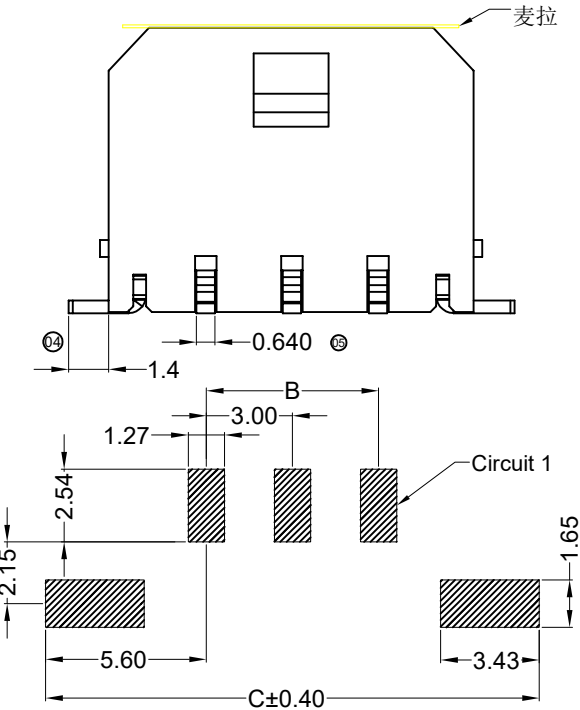
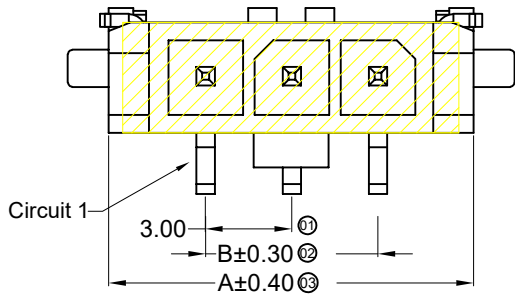


RECOMMENDED P.C.B LAYOUT
(TOLERANCE:±0.05)

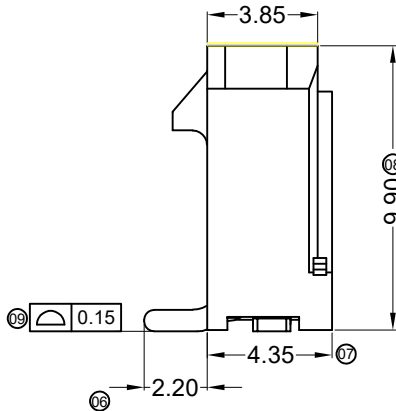
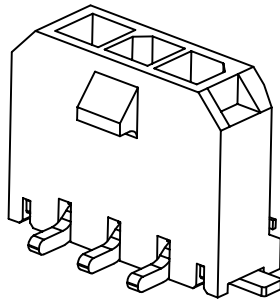
Poles	Dimensions		
	A	B	C
02	6.85	3.00	14.20
03	9.85	6.00	17.20
04	12.85	9.00	20.20
05	15.85	12.00	23.20
06	18.85	15.00	26.20
07	21.85	18.00	29.20
08	24.85	21.00	32.20
09	27.85	24.00	35.20
10	30.85	27.00	38.20
11	33.85	30.00	41.20
12	36.85	33.00	44.20

							GENERAL TOLERANCE		东莞市翰皓精密电子有限公司				PART NO.			
							.X	±0.30	DONGGUAN HANHAO PRECISION ELECTRONIC CO.,LTD				M3001WRS-XX			
							.XX	±0.20					TITLE			
							.XXX	±0.10					3.00 mm Right-Angle Pin Header			
							PROJECT		APPROVAL	CHECK	DRAWN	DATA	UNIT	SCALE	NUMBER	REV
DATE	OLD REV	NEW REV	ECN	DESCRIPTION	CHECK	APPROVAL			XU	L.Q.F	LI	2025/05/28	MM	1 : 1	A-198	A

RoHS



Recommended P.C.B Layout
General Tolerance±0.05



■ Specifications(规格) :

- Voltage rating(额定电压): 250V AC / DC
- Current rating(额定电流): 5A AC / DC
- Withstanding voltage(耐压值): 1000V AC/minute
- Temperature range(工作温度): -25°C~+85°C
- Insulation resistance(绝缘电阻): ≥1000MΩ
- Contact resistance(接触电阻): ≤10mΩ
- After environmental testing(环境测试后): ≤20mΩ

- Used In Housing:M3001HM

M 30 01 W V S - XX - LP B B XX
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪

- ① Letter: Molex
- ② Series No.: 3.00 MM
- ③ Code Name
- ④ Category: W-Wafer
- ⑤ Welding Board Angle: V-Straight 180°
- ⑥ Welding form: S-SMT
- ⑦ Row No.-Pin No: Single Row
XX-Single Row 2Pin~12PIN
- ⑧ Plastic Material: XX- PAXX, UL94V-0, LP- LCP, UL94V-0
- ⑨ Color: N-White, R-Red, B-Black, L-Blue
- ⑩ Metallic Material: Brass(Pin and Solder tabs)
- ⑪ Plating Code:
Matte Tin plating
Contact Area Gold 30u" Min.

Poles	Dimensions(mm)		
	A	B	C
02	9.70	3.00	14.20
03	12.70	6.00	17.20
04	15.70	9.00	20.20
05	18.70	12.00	23.20
06	21.70	15.00	26.20
07	24.70	18.00	29.20
08	27.70	21.00	32.20
09	30.70	24.00	35.20
10	33.70	27.00	38.20
11	36.70	30.00	41.20
12	39.70	33.00	44.20

							GENERAL TOLERANCE		东莞市翰皓精密电子有限公司				PART NO.			
							.X ±0.30		DONGGUAN HANHAO PRECISION ELECTRONIC CO.,LTD				M3001WVS-XX			
							.XX ±0.20						TITLE			
							.XXX ±0.10						3.00 mm Vertical Pin Header			
DATE	OLD REV	NEW REV	ECN	DESCRIPTION	CHECK	APPROVAL	PROJECT		APPROVAL	CHECK	DRAWN	DATA	UNIT	SCALE	NUMBER	REV
									XU	L.Q.F	LI	2025/05/29	MM	1 : 1	A-198	A