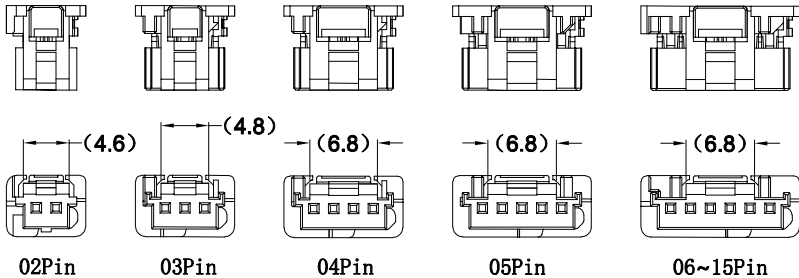
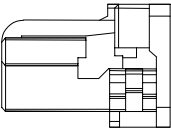
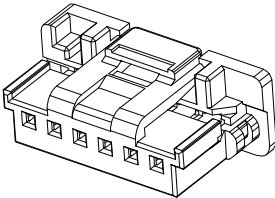
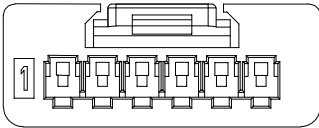
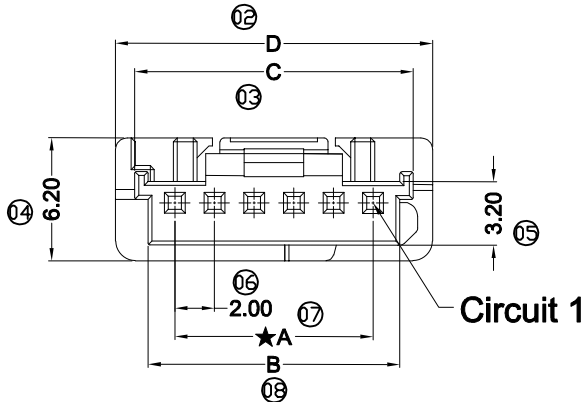


RoHS

- Specifications :
- Voltage rating: 125V Max. AC/DC
 - Withstanding voltage: 1000V AC/minute
 - Temperature range: -40°C~+125°C
 - Insulation resistance: 100MΩ min./500V DC/Minute
 - Package: BG-In bags 1000PCS

M 20 04 H L XX
① ② ③ ④ ⑤ ⑥

- ① Letter: Molex
② Series No.: 2.0 MM
③ Code Name
④ Connector Type: H-Housing
⑤ Special Model
⑥ Row No.-Pin No: XX-Single Row 02~15Pin



Part NO.	Dimensions (mm)			
	A	B	C	D
02	2.00	4.70	6.10	8.00
03	4.00	6.70	8.10	10.00
04	6.00	8.70	10.10	12.00
05	8.00	10.70	12.10	14.00
06	10.00	12.70	14.10	16.00
07	12.00	14.70	16.10	18.00
08	14.00	16.70	18.10	20.00
09	16.00	18.70	20.10	22.00
10	18.00	20.70	22.10	24.00
11	20.00	22.70	24.10	26.00
12	22.00	24.70	26.10	28.00
13	24.00	26.70	28.10	30.00
14	26.00	28.70	30.10	32.00
15	28.00	30.70	32.10	34.00

							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				M2004HL-XX	
							.XX ±0.20		TITLE				2.00 mm Crimp Style Connectors	
							.XXX ±0.10		APPROVAL				UNIT	
							PROJECT		CHECK				SCALE	
							DATE		DRAWN				NUMBER	
							OLD REV		DATA				REV	
							NEW REV		XU				A	
							ECN		L.Q.F				A-198	
							DESCRIPTION		LI					
							CHECK		2025/05/08					
							APPROVAL							

RoHS

- Specifications :
 - Temperature Range:-40°C~+125°C

M 20 04 S XX

① ② ③ ④ ⑤

① Letter: Molex

② Series No.: 2.0 MM

③ Code Name

④ Connector Type: TPA

⑤ Row No.-Pin No: XX-Single Row 02~15Pin

Technical drawing of a 1/2 inch NPT female fitting. The drawing shows a cross-section of the fitting with two dimensions indicated: 2.05 (overall length) and 1.55 (thread length). The fitting is labeled with a circled '01' and a circled '02'.

Technical drawing of a mechanical part with dimensions and callouts:

- Dimension 03: Overall length of the part.
- Dimension A: Distance from the left end to the center of the hole.
- Dimension 04: Diameter of the hole.
- Dimension 05: Distance from the right end to the center of the hole.
- Dimension 6.20: Diameter of the hole.
- Dimension 3.80: Distance from the right end to the center of the hole.
- Dimension 06: Overall length of the part.

3.80

(1.90) 

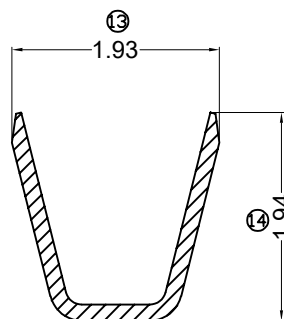
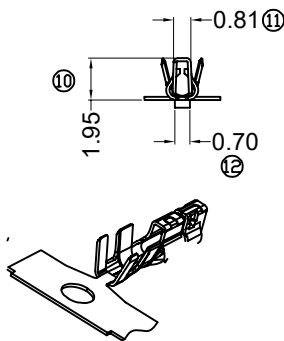
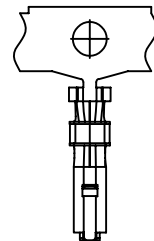
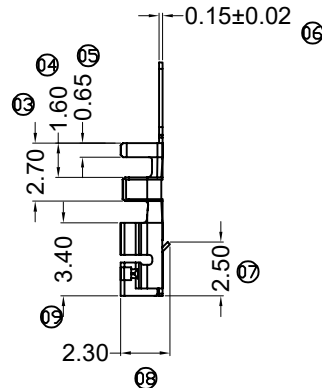
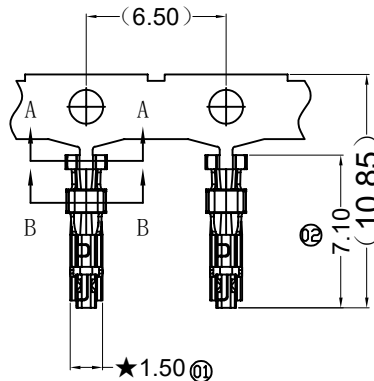
Dimensions/mm	
Part NO.	A
02	6.40
03	8.40
04	10.40
05	12.40
06	14.40
07	16.40
08	18.40
09	20.40
10	22.40
11	24.40
12	26.40
13	28.40
14	30.40
15	32.40

02Pin

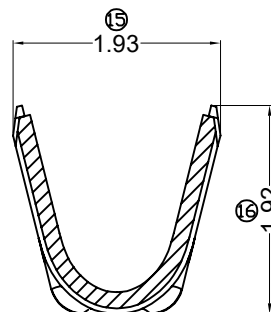
03~15Pin

							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. M2004S-XX			
												TITLE 2.00 mm Crimp Style Connectors			
DATE	OLD REV	NEW REV	ECN	DESCRIPTION	CHECK	APPROVAL		PROJECT 	XU	L.Q.F	LI	2025/05/08	UNIT MM	SCALE 1 : 1	NUMBER A-198

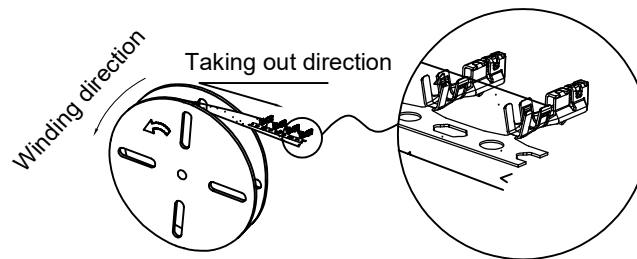
RoHS



SECTION A-A
SCALE 5:1



SECTION B-B
SCALE 5:1



- Specifications:
- Current Rating:3A AC/DC(0.35mm² Wire)
 - Temperature Range:
High conductivity copper:-40°C~+125°C
Phosphor Bronze:-40°C~+105°C
 - Contact Resistance:≤10mΩ(Initial)
≤20mΩ(After Testing)
-
- M 20 04 T L XX
① ② ③ ④ ⑤ ⑥
- ① Letter: Molex
② Series No.: 2.0 MM
③ Code Name
④ Category:T-Terminal
⑤ Special Model
⑥ Material:H-High conductivity copper
P-Phosphor Bronze
Plating Code: SN- Ni 40~120u";Sn 80~200u"

- 备注:
- 1.产品表面无脏污、压痕、压伤、跳屑、变形等外观不良
 - 2.毛边0.03mm最大
 - 3.料带弯曲度: Max 5mm/1m
 - 4.盐雾 48H
 - 5.标有“Ⓢ”为FAI测量尺寸

M2004TL-PSNR	0.35mm ²	Ø1.4mm Max
M2004TL-HSNR	0.35mm ²	Ø1.4mm Max
Part NO.	Wire Range	Insulation O.D.

							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				M2004TL-XX			
							.XX ±0.20		APPROVAL				TITLE			
							.XXX ±0.10		CHECK				2.00 mm Crimp Terminals			
							PROJECT		DRAWN				UNIT			
							DATE		DATA				SCALE			
							OLD REV		XU				1 : 1			
							NEW REV		L.Q.F				NUMBER			
							ECN		LI				A-198			
							DESCRIPTION		2025/05/08				REV			
							CHECK		XU				A			
							APPROVAL									

RoHS

A

DATE	OLD REV	NEW REV	ECN	DESCRIPTION	CHECK	APPROVAL

GENERAL TOLERANCE
.X ±0.30
.XX ±0.20
.XXX ±0.10

PROJECT
⊕ ⊖

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	2025/05/08

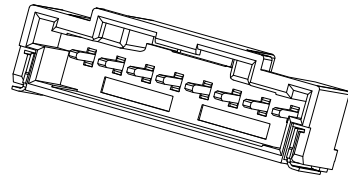
PART NO. M2004WRS-XX			
TITLE 2.00 mm Right-Angle Pin Header			
UNIT MM	SCALE 1 : 1	NUMBER A-198	REV A

- Specifications :
- Voltage rating: 125V AC / DC
 - Current rating: 3A AC / DC
 - Withstanding voltage: 500V AC/minute
 - Temperature range: -40°C~+105°C
 - Insulation resistance:≥1000MΩ
 - Contact resistance: ≤10mΩ
 - After environmental testing: ≤20mΩ
 - Package: BG-In bags 700PCS

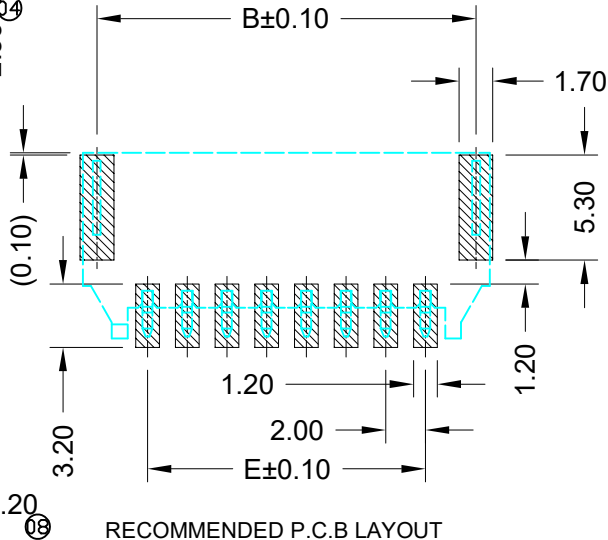
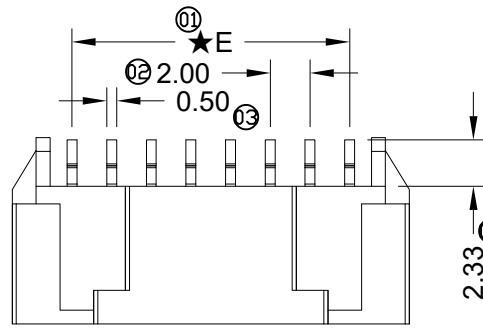
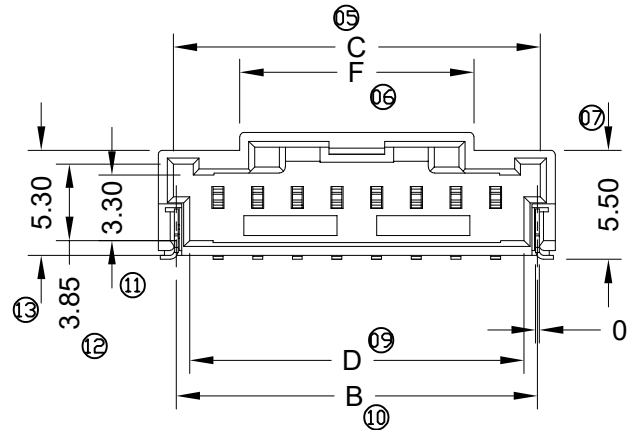
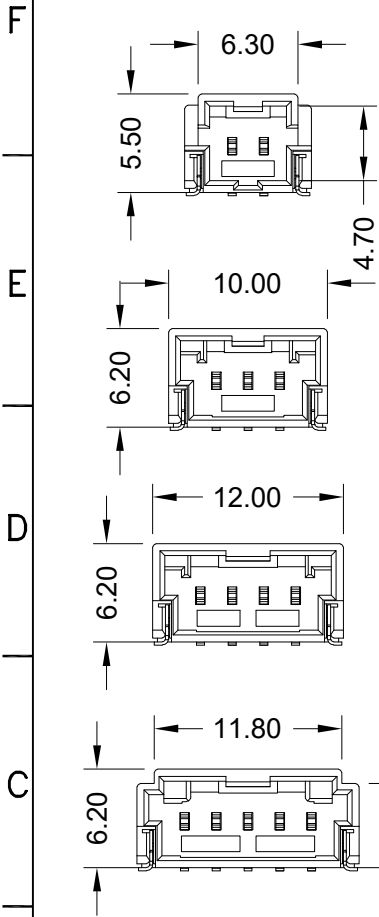
M 20 04 W R S - XX
① ② ③ ④ ⑤ ⑥ ⑦

- ① Letter: Molex
② Series No.: 2.0 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: XX-Single Row 2Pin~15PIN

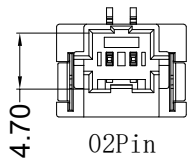
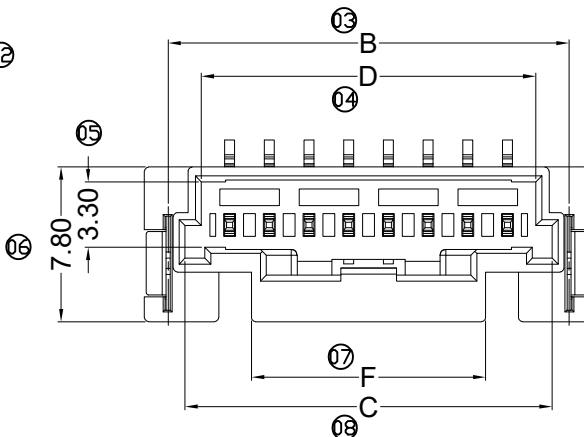
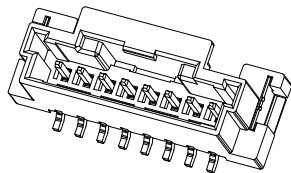
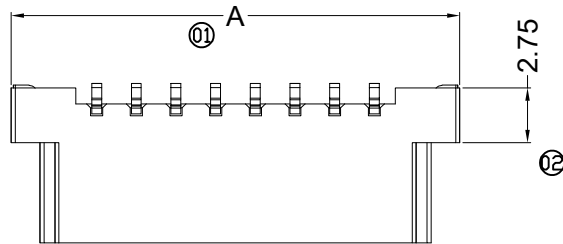
Poles	Dimensions (mm)					
	A	B	C	D	E	F
02	8.00	6.20	6.30	4.85	2.00	6.30
03	10.00	8.20	8.50	6.85	4.00	8.00
04	12.00	10.20	10.50	8.85	6.00	10.00
05	14.00	12.20	12.50	10.85	8.00	11.80
06	16.00	14.20	14.50	12.85	10.00	11.80
07	18.00	16.20	16.50	14.85	12.00	11.80
08	20.00	18.20	18.50	16.85	14.00	11.80
09	22.00	20.20	20.50	18.85	16.00	11.80
10	24.00	22.20	22.50	20.85	18.00	11.80
11	26.00	24.20	24.50	22.85	20.00	11.80
12	28.00	26.20	26.50	24.85	22.00	11.80
13	30.00	28.20	28.50	26.85	24.00	11.80
14	32.00	30.20	30.50	28.85	26.00	11.80
15	34.00	32.20	32.50	30.85	28.00	11.80



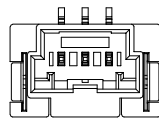
RECOMMENDED P.C.B LAYOUT
(TOLERANCE:±0.05)



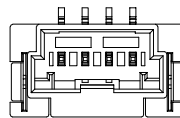
RoHS



02Pin



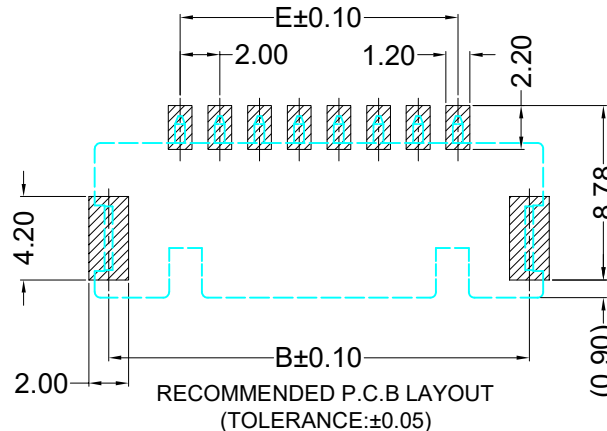
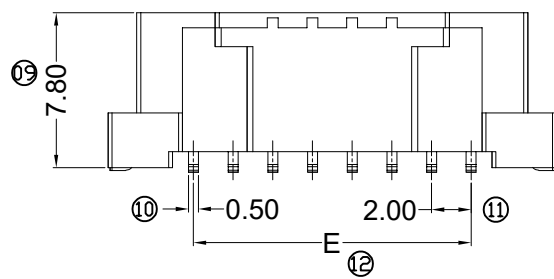
03Pin



04Pin



05Pin



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

- Specifications :
- Voltage rating: 125V AC / DC
 - Current rating: 3A AC / DC
 - Withstanding voltage: 500V AC/minute
 - Temperature range: -40°C~+105°C
 - Insulation resistance:≥1000MΩ
 - Contact resistance: ≤10mΩ
 - After environmental testing: ≤20mΩ
 - Package: BG-In bags 700PCS

M 20 04 W V S - XX
① ② ③ ④ ⑤ ⑥ ⑦

- ① Letter: Molex
② Series No.: 2.0 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: XX-Single Row 2Pin~15PIN

Poles	Dimensions (mm)					
	A	B	C	D	E	F
02	10.90	8.50	6.30	4.85	2.00	6.30
03	12.60	10.20	8.50	6.85	4.00	5.80
04	14.60	12.20	10.50	8.85	6.00	7.80
05	16.60	14.20	12.50	10.85	8.00	9.80
06	18.60	16.20	14.50	12.85	10.00	11.80
07	20.60	18.20	16.50	14.85	12.00	11.80
08	22.60	20.20	18.50	16.85	14.00	11.80
09	22.60	22.20	20.50	18.85	16.00	11.80
10	24.60	24.20	22.50	20.85	18.00	11.80
11	26.60	26.20	24.50	22.85	20.00	11.80
12	28.60	28.20	26.50	24.85	22.00	11.80
13	30.60	30.20	28.50	26.85	24.00	11.80
14	32.60	32.20	30.50	28.85	26.00	11.80
15	34.60	34.20	32.50	30.85	28.00	11.80

							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				M2004WVS-XX	
							.XX	±0.20					TITLE	
							.XXX	±0.10					2.00 mm Vertical Pin Header	
							PROJECT		APPROVAL	CHECK	DRAWN	DATA	UNIT	SCALE
DATE	OLD REV	NEW REV	ECN	DESCRIPTION	CHECK	APPROVAL	XU		L.Q.F	LI	2025/05/08	MM	1 : 1	NUMBER
1														REV
2														A
3														
4														
5														
6														
7														
8														