

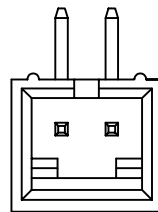
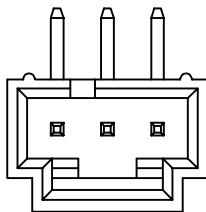
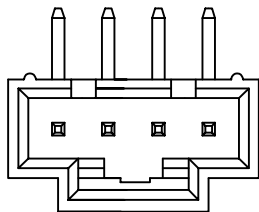
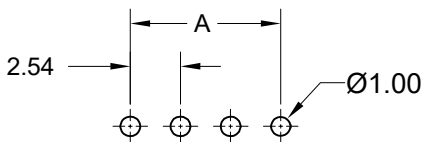
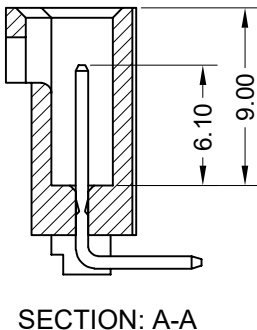
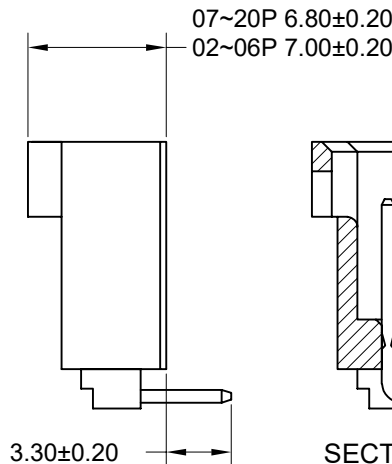
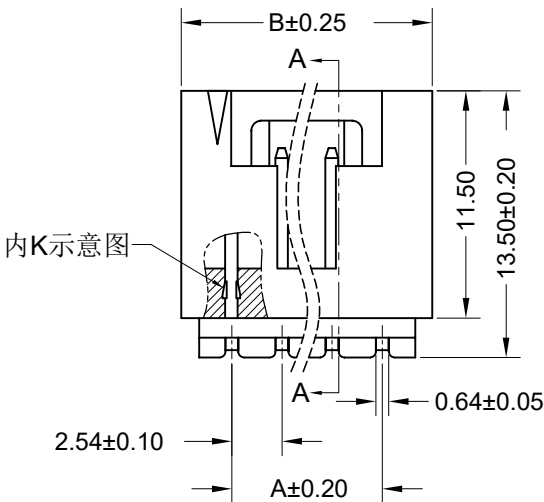
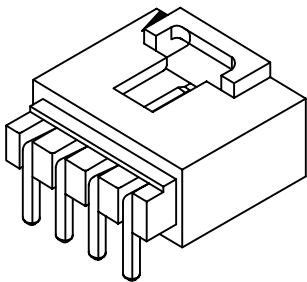
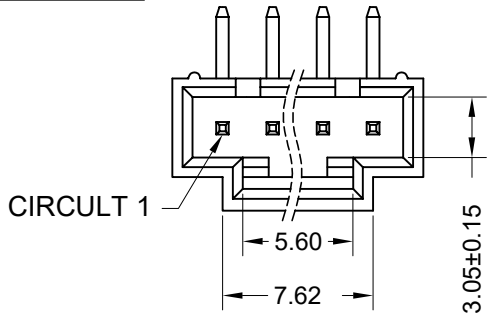
RoHS

- Specifications(规格):
- Voltage rating(额定电压): 250V AC / DC
 - Current rating(额定电流): 3A AC / DC
 - Withstanding voltage(耐压值): 1500V 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): ≤20mΩ

M 254 6 W R S - XX 66 B B G
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪

- ① Letter: Molex
② Series No.: 2.54 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, 02Pin~20Pin
⑧ Plastic Material: XX- PAXX, UL94V-0,
LP- LCP, UL94V-0
⑨ Color: N-White, R-Red, B-Black, L-Blue
⑩ Metallic Material: B- Brass
⑪ Plating Code: Gold-Flash

Poles	Dimensions (mm)	
	A	B
02	2.54	7.62
03	5.08	10.16
04	7.62	12.70
05	10.16	15.24
06	12.70	17.78
07	15.24	20.32
08	17.78	22.86
09	20.32	25.40
10	22.86	27.94
11	25.40	30.48
12	27.94	33.02
13	30.48	35.56
14	33.02	38.10
15	35.56	40.64
16	38.10	43.18
17	40.64	45.72
18	43.18	48.26
19	45.72	50.80
20	48.26	53.34



							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. M2546WRS- XX			
								APPROVAL CHECK DRAWN DATA				TITLE 2.54 mm Crimp Style Connectors			
DATE	OLD REV	NEW REV	ECN	DESCRIPTION	CHECK	APPROVAL		PROJECT 	XU	L.Q.F	LI	2025/07/30	UNIT MM	SCALE 1 : 1	NUMBER A-198

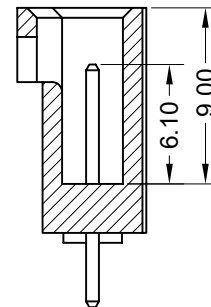
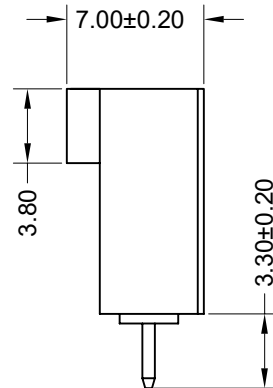
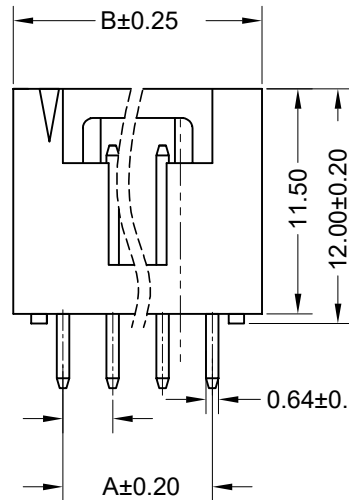
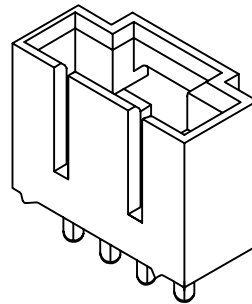
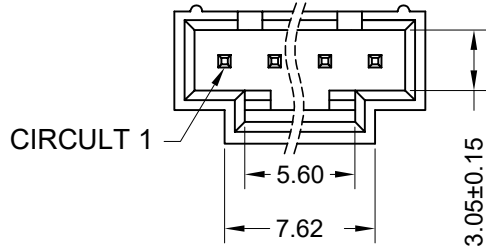
RoHS

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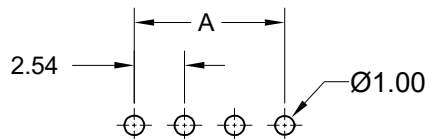
M 254 6 W V S - XX 66 B B G/T
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪

- ① Letter: Molex
② Series No.: 2.54 MM
③ Code Name
④ Category: W- Wafer
⑤ Welding Board Angle: V-Straight Angle 180°
⑥ Welding form: S-SMT
⑦ Row No.-Pin No: Single Row, 02Pin~20Pin
⑧ Plastic Material: XX- PAXX, UL94V-0, LP- LCP, UL94V-0
⑨ Color: N-White, R-Red, B-Black, L-Blue
⑩ Metallic Material: B- Brass
⑪ Plating Code: Gold-Flash / Tin-Plated

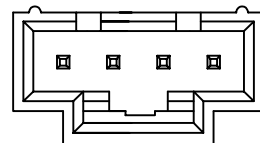
Poles	Dimensions (mm)	
	A	B
02	2.54	7.62
03	5.08	10.16
04	7.62	12.70
05	10.16	15.24
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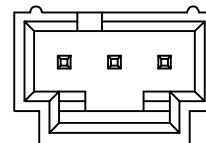
SECTION: A-A



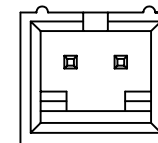
P.C.B LAYOUT



4 Poles



3 Poles



2 Poles

							GENERAL TOLERANCE . XX XXX ±0.30 ±0.20 ±0.10	东莞市翰皓精密电子有限公司 DONGGUAN HANHAO PRECISION ELECTRONIC CO.,LTD				PART NO. M2546WVS- XX			
								APPROVAL	CHECK	DRAWN	DATA	TITLE 2.54 mm Crimp Style Connectors			
DATE	OLD REV	NEW REV	ECN	DESCRIPTION	CHECK	APPROVAL	PROJECT 	XU	L.Q.F	LI	2025/07/30	UNIT MM	SCALE 1 : 1	NUMBER A-198	REV A