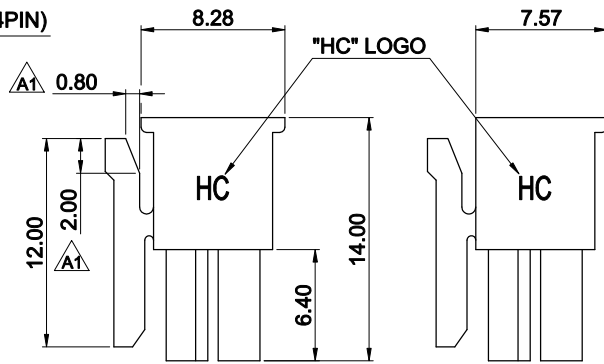
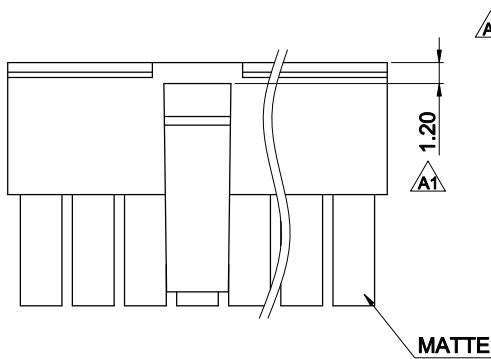
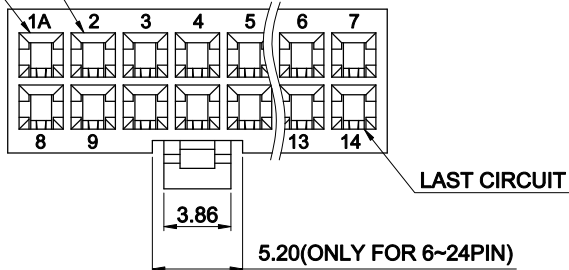


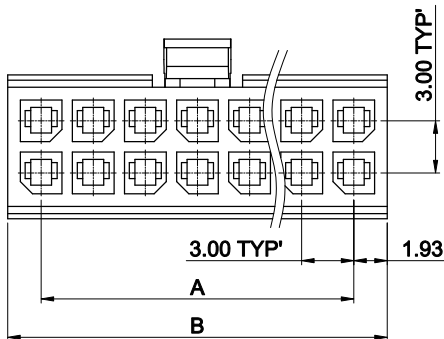
RoHS

This products can apply to the SESO Doc NO. QA-3-04-005 of Environmental&Material Management Rules

CIRCUIT 2  
CIRCUIT 1



ONLY FOR 2~4PIN



Poles	Dimensions (mm)	
	A	B
2*1	/	3.85
2*2	3	6.85
2*3	6	9.85
2*4	9	12.85
2*5	12	15.85
2*6	15	18.85
2*7	18	21.85
2*8	21	24.85
2*9	24	27.85
2*10	27	30.85
2*11	30	33.85
2*12	33	36.85

■ Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 12.5A Max. AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤10mΩ
- After environmental testing: ≤20mΩ

3004 H M - 2\*XX - N0 HF BK

① ② ③ ④ ⑤ ⑥ ⑦

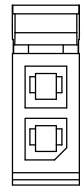
- ① Series No.
- ② Category: H-HSG
- ③ Connector Type: M-Male HSG
- ④ Row No.-Pin No: 2xXX-Double Row 2xXXPin
- ⑤ Plastic material: N0- PA66 UL94V-0
- ⑥ HF-Halogen Free
- ⑦ Color: BK-Black;



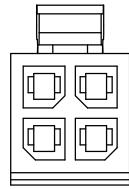
GENERAL TOLERANCE						APPROVAL				PART NO.				
X ±0.35						东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				3004HM-2*XX-N0HFBK				
XX ±0.25										TITLE				
XXX ±0.15										3.00 mm Crimp Style Connectors				
2020/10/14	A1	EN20201014002	The fillet at the tail of the latch is changed to chamfer	BIN	ROBING	ROBING	ROBING	BIN	DATE	UNIT				
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	ROBING	ROBING	BIN	2020/9/7	mm	SCALE	SHEET	REV	NUMBER
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

RoHS

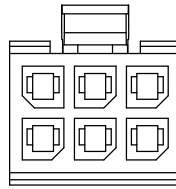
This products can apply to the SESO Doc NO. QA-3-04-005 of Environmental&Material Management Rules



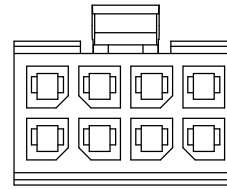
2\*1PIN



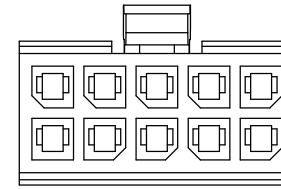
2\*2PIN



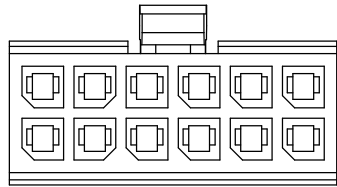
2\*3PIN



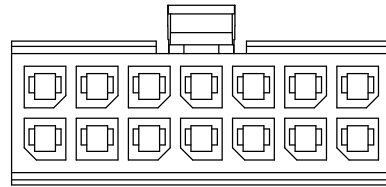
2\*4PIN



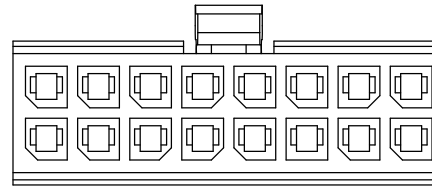
2\*5PIN



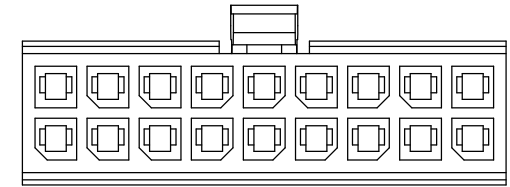
2\*6PIN



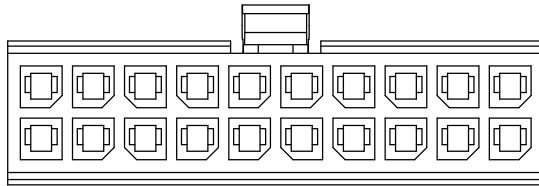
2\*7PIN



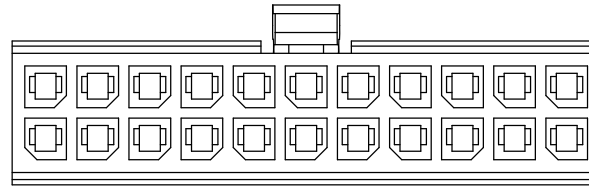
2\*8PIN



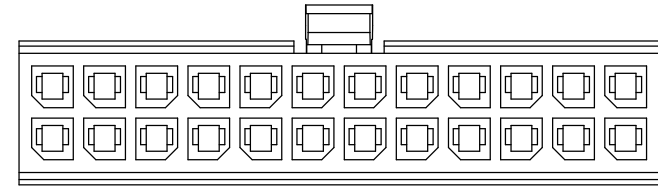
2\*9PIN



2\*10PIN



2\*11PIN

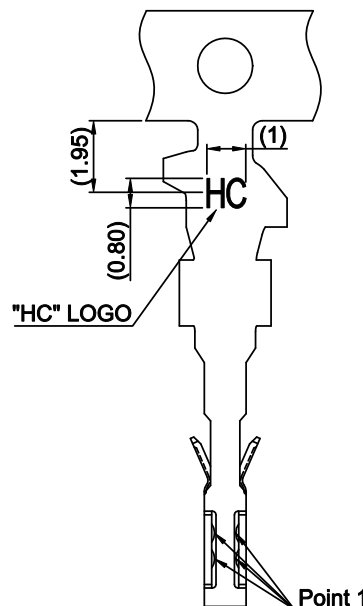
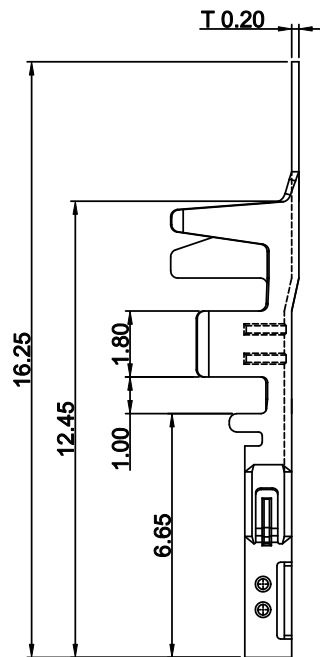
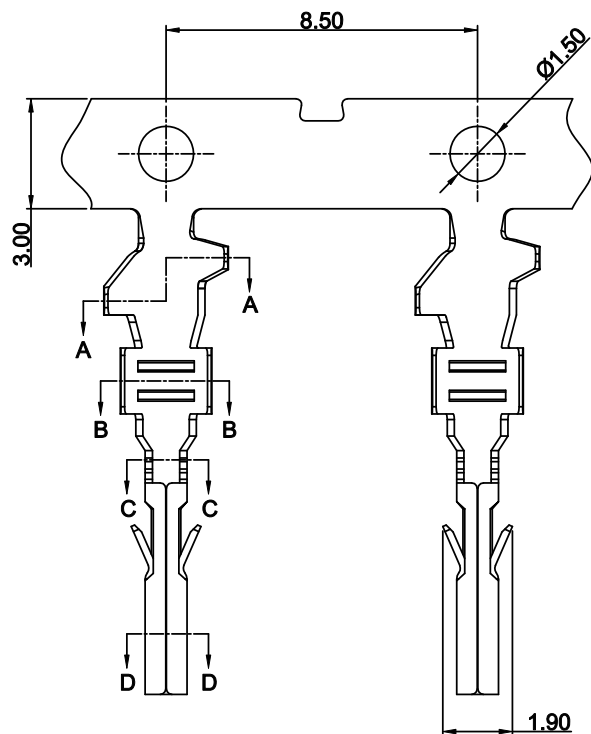


2\*12PIN

				GENERAL TOLERANCE		东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				PART NO. 3004HM-2*XX-N0HFBK				
				X ±0.35						TITLE 3.00 mm Crimp Style Connectors				
				XX ±0.25										
				.XXX±0.15						APPROVAL	CHECK	DRAWN	DATE	
				X' ±2°						ROBING	ROBING	BIN	2020/10/14	
2020/10/14	A1	EN20201014002	The fillet at the tail of the latch is changed to chamfer	BIN	ROBING					UNIT	SCALE	SHEET	REV	NUMBER
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL					mm	2.5:1	2/2	A1	CD

RoHS

This products can apply to the SESO Doc NO. QA-3-04-005 of Environmental&Material Management Rules



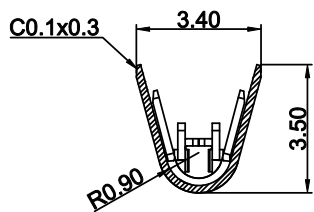
■ Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 12.5A Max. AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤10mΩ
- After environmental testing: ≤20mΩ
- Wire Size: AWG#16~#18
- Insulation O.D.: 1.8~2.1mm

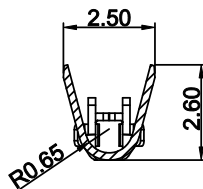


3004 TH F - H SN1  
① ② ③ ④ ⑤

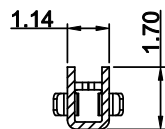
- ① Series No.
- ② Category: TH-High Crimp terminal
- ③ Shape: F-Female Terminal
- ④ Material: H-High conductivity copper
- ⑤ Plating Code: SN1- Tin plating 100u" Min. overall Nickel 50u" Min. Under plating (Point 1)



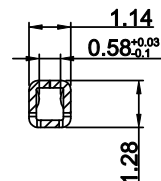
SECTION A-A



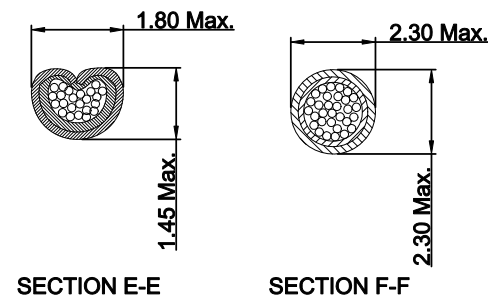
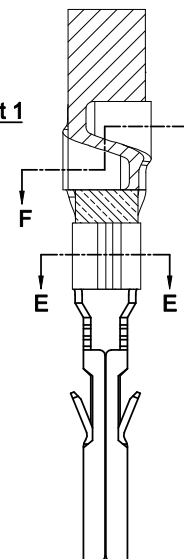
SECTION B-B



SECTION C-C



SECTION D-D



RECOMMENDED CRIMPING DIMENSION

DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL
1					
2					
3					
4					
5					

GENERAL TOLERANCE	
X	±0.35
XX	±0.25
XXX	±0.15
X°	±2°
PROJECT	

**SMS** 东莞市思索技术股份有限公司  
Dongguan SESO Technology Co.,Ltd.

APPROVAL	CHECK	DRAWN	DATE
ROBING	ROBING	BIN	2020/5/12

PART NO.				
3004THF-HSN1				
TITLE				
3.00mm Crimp Style Connectors				
UNIT	SCALE	SHEET	REV	NUMBER
mm	5:1	1/1	A0	CD

RoHS

This products can apply to the SESO Doc NO. QA-3-04-005 of Environmental&Material Management Rules



Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 12.5A Max AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤10mΩ
- After environmental testing: ≤20mΩ

3004 W V X - 2\*XX PXHF XX-LP XXX X X  
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪

① Series No.

② Category: W-Wafer

③ Connector Type: V-Stright 180°

④ Mounting Type: Blank-DIP

⑤ Row No.-Pin No.: 2\*XX-2\*01P~2\*12P

- ⑥ Special No:
- P-With Post / With Boardlock / With kink DIP3.2mm
  - P1-With Post / Without Boardlock / Without kink DIP2.6mm
  - P2-With Post / Without Boardlock / Without kink DIP3.2mm
  - P3-With Post / Without Boardlock / With kink DIP3.2mm
  - P4-With Post / With Boardlock / Without kink DIP 2.6mm
  - P5-With Post / With Boardlock / Without kink DIP 2.1mm
  - P6-With Post / With Boardlock / Without kink DIP 3.2mm
  - P7-With Post / With Boardlock / With kink DIP2.8mm
  - P8-With Post / With Boardlock / Without kink DIP 1.6mm
  - P 9 -With Post / Without Boardlock / Without kink DIP=4.0mm
  - P 10-With Post / With Boardlock / Without kink DIP=3.6mm
  - P 11-With Post / With Boardlock / Without kink DIP=4.5mm
  - P 12-With Post / Without Boardlock / Without kink DIP 2.1mm
  - P 13-With Post / Without Boardlock / Without kink DIP=4.5mm

⑦ Special No: Blank - Boardlock G= 2.2mm A- Boardlock G= 2.8mm

A1-Boardlock G=3.4mm A2-Boardlock G=4.3mm

A3-Boardlock G=4.7mm

⑧ Material: LP -LCP 94V-0

⑨ Planting Code: SW1-Ni: 50u"Min., Matte Tim: 100u"Min.

V01-Gold flash Ni 50u" Min.

GW15-Contact Area Au 15u" Min.,Solder Area Matte

Tin 100u" Min, Ni 50u" Min.

GW30-Contact Area Au 30u" Min.,Solder Area Matte

Tin 100u" Min, Ni 50u" Min.

⑩ Color: N-Natural B-Black

⑪ Packing:

C-Reel /With CAP

C1-special requirement /Reel /With CAP Natural color

C2-special requirement /Reel /With CAP Black color KO=15.3 (TAIL Din L ≤ 3.60mm)

C3-special requirement /Reel /With CAP Black color KO=16.1 (TAIL Din L > 3.6mm)

T- Tray (TAIL Din L < 4.00mm)

T1- Tray (TAIL Din L ≥ 4.0mm)

R-Reel /Without CAP/ Robotic arm grab product

R1-special requirement /Reel /Without CAP Natural color

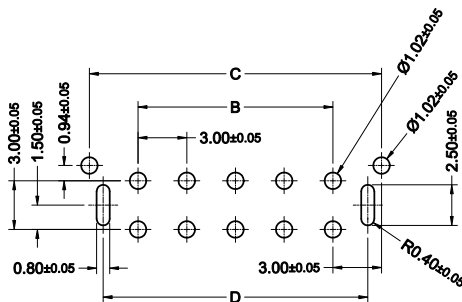
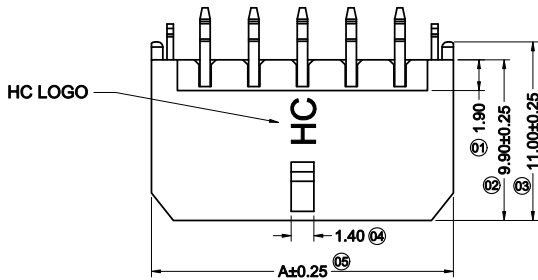
R2-special requirement /Reel /Without CAP/ Robotic arm grab product Natural color

R3-special requirement /Reel /Without CAP black color

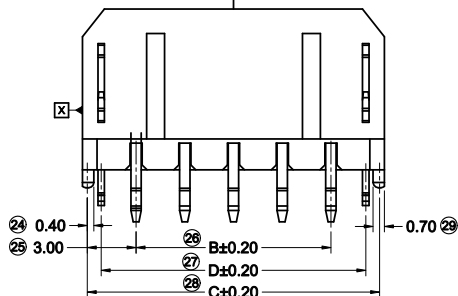
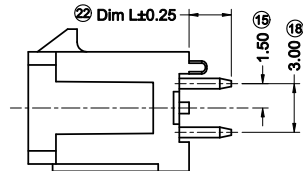
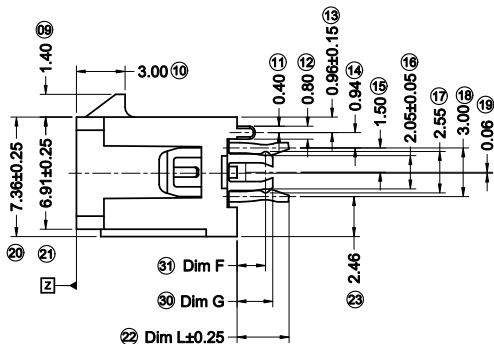
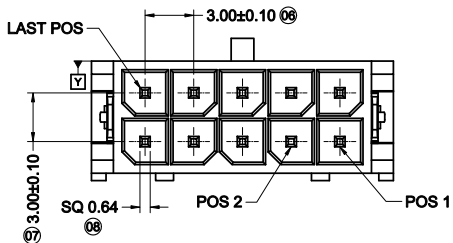
R4-special requirement /Reel /Without CAP/ Robotic arm grab product Black color

Special No	Dim L(mm)	Special No	Dim L(mm)	Special No	Dim L(mm)
P1 / P4	2.60	P7	2.80	P10	3.60
P / P2 / P3/P6	3.20	P8	1.80	P11/P13	4.50
P5/P12	2.10	P9	4.00		
Special No	Boardlock F(mm)	Boardlock G(mm)	P.C.B Layout T(mm)		
Blank	1.75	2.20	1.80		
A	2.35	2.80	2.00~2.10		
A1	2.95	3.40	2.80~2.70		
A2	3.55	4.30	3.50~3.60		
A3	4.25	4.70	3.80~4.00		

Poles	Dimensions(mm)			
	A	B	C	D
2	6.60	6.00	4.30	
4	9.60	3.00	9.00	7.30
6	12.60	6.00	12.00	10.30
8	15.60	9.00	15.00	13.30
10	18.60	12.00	18.00	16.30
12	21.60	15.00	21.00	19.30
14	24.60	18.00	24.00	22.30
16	27.60	21.00	27.00	25.30
18	30.60	24.00	30.00	28.30
20	33.60	27.00	33.00	31.30
22	36.60	30.00	36.00	34.30
24	39.60	33.00	39.00	37.30



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

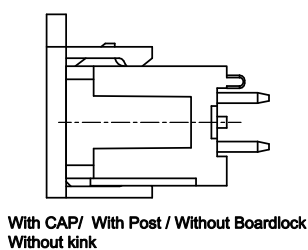
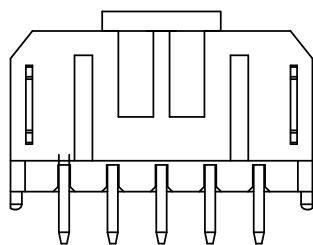
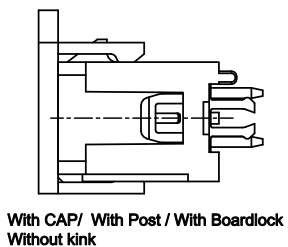
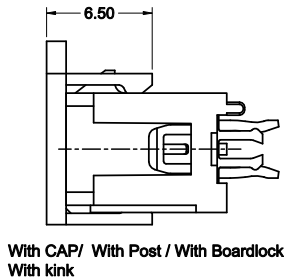
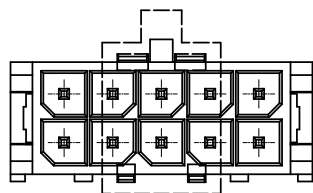
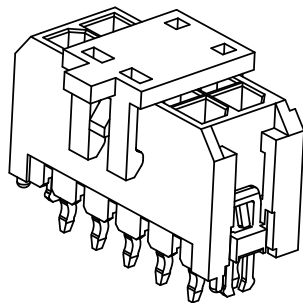
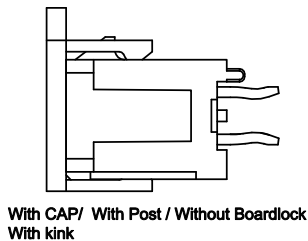
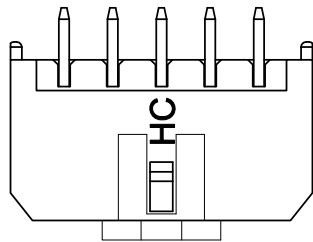


DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT	Jack	Larry Yang	Sunny Huang	2020/04/29	PART NO.	3004WV-2*XXPXHFXX-LPXXXX			
2023.12.07	A7	/	Added packaging specifications: C3-special requirement /Reel / With CAP Black color KO=16.1 (TAIL Din L > 3.6mm)	Sunny Huang	Larry Yang	GENERAL TOLERANCE									
2023.11.27	A6	/	Add specifications: P12/P13	Jill Zeng	Larry Yang	.X ±0.30									
2023.11.10	A5	/	Add specifications: P 9, P10, P11 ; Add Packing: C2, T1, R3, R4 Add Boardlock specifications	Alan	Larry Yang	.XX ±0.20									
						.XXX±0.10	APPROVAL	CHECK	DRAWN	DATE	TITLE				
						X' ±2°					3.00mm Crimp Style Connectors				
						PROJECT					UNIT	SCALE	SHEET	REV	NUMBER
											mm	1 : 1	1/2	A7	CD

SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.

RoHS

This products can apply to the SESO Doc NO. QA-3-04-005 of Environmental&Material Management Rules



2023.12.07	A7	/	Add packaging specifications: C3-special requirement /Reel / With CAP Black color KO=16.1 (TAIL Din L > 3.6mm)	Sunny Huang	Larry Yang
2023.11.27	A6	/	Add specifications: P12/P13	Jill Zeng	Larry Yang
2023.11.10	A5	/	Add specifications: P 9、P10、P11 ; Add Packing: C2、T1、R3、R4 Add Boardlock specifications	Alan	Larry Yang
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL

GENERAL TOLERANCE
X ±0.30
XX ±0.20
.XXX±0.10
X° ±2°
PROJECT

**SMS** 东莞市思索技术股份有限公司  
Dongguan SESO Technology Co.,Ltd.

APPROVAL	CHECK	DRAWN	DATE
Jack	Larry Yang	Sunny Huang	2020/04/29

PART NO. 3004WV-2*XXPXHFXX-LPXXXX				
TITLE 3.00mm Crimp Style Connectors				
UNIT	SCALE	SHEET	REV	NUMBER
mm	1 : 1	2/2	A7	CD