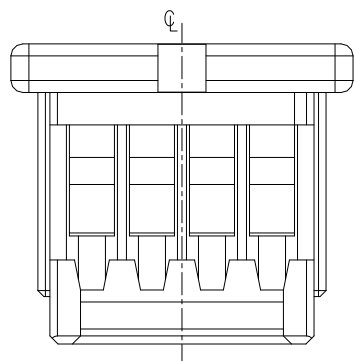
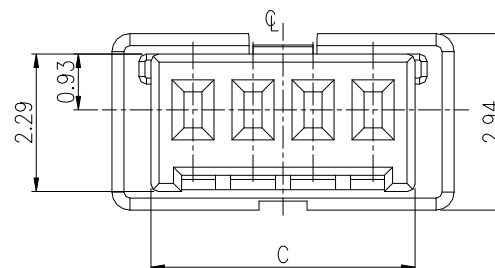
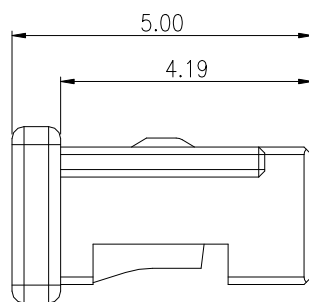
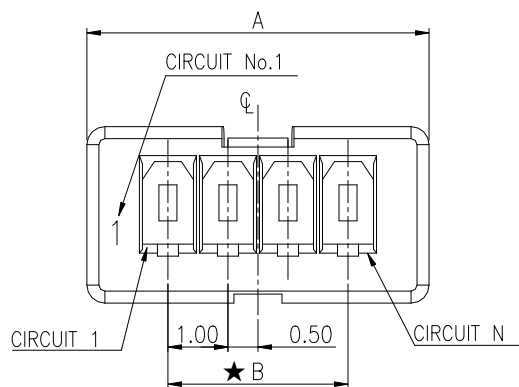
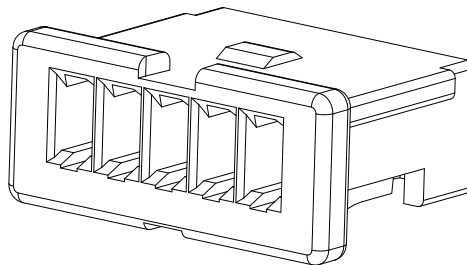




- Voltage rating: 100V Max. AC/DC
- Current rating: 1A Max. AC/DC
- Withstanding voltage: 300V AC/minute
- Temperature range: $-40^{\circ}\text{C}\sim+105^{\circ}\text{C}$
- Insulation resistance: $\geq 100\text{M}\Omega$
- Contact resistance: $\leq 20\text{m}\Omega$
- After environmental testing: $\leq 40\text{m}\Omega$
- Mates With SESO Terminal: 1004T
- Symbols for Critical dimensions: " ★ "
- Product Specification: PS-1004-01

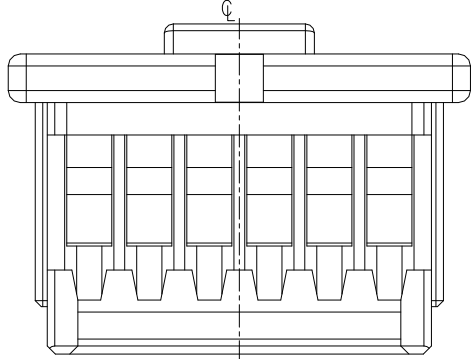
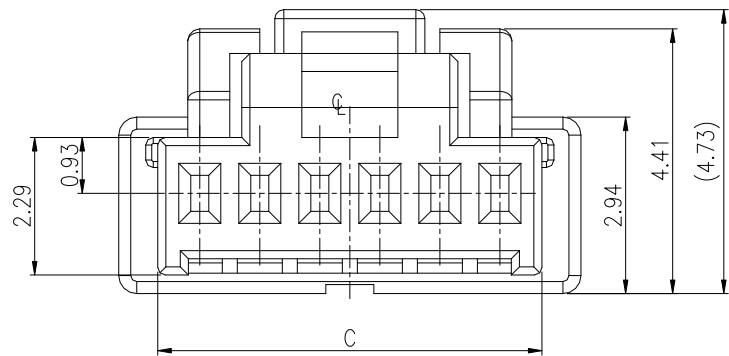
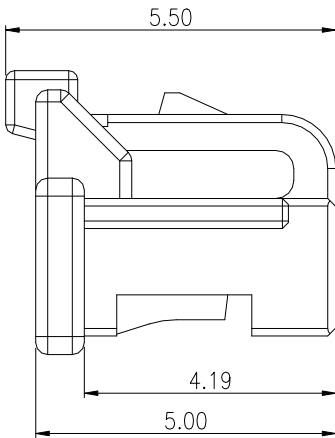
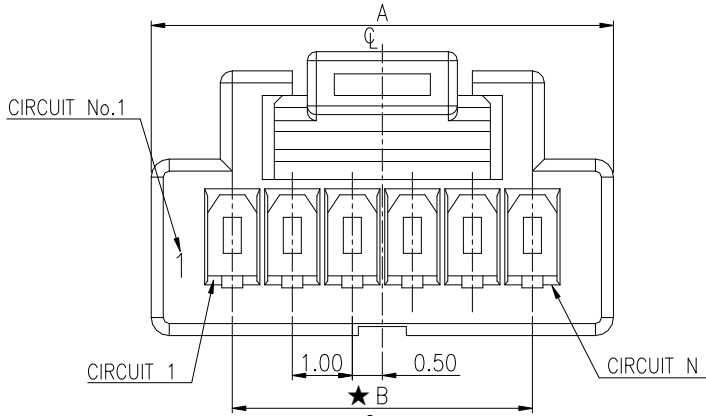
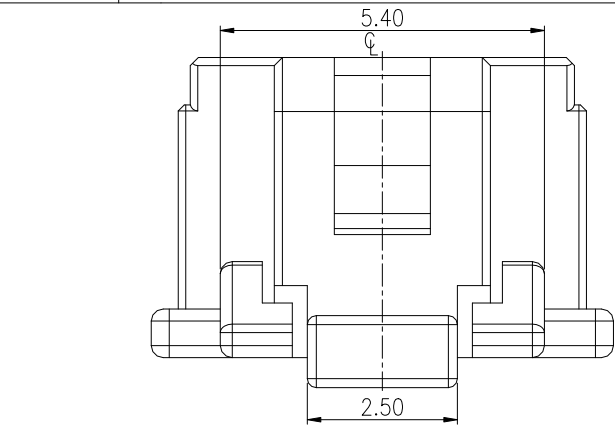
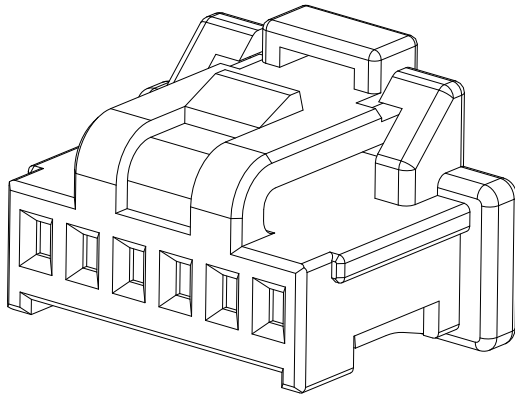
1004 H - XX A - NO HF XX
 (1) (2) (3) (4) (5) (6) (7)

- ① Series No.:1004
② Category: H-Housing
③ Row No.-Pin No: XX-02~15Pin
④ Special code: A-Inner Lock
⑤ Plastic material: N0-PA66 UL94V-0
⑥ HF-Halogen Free
⑦ Color: NC-Natural BK-Black

Poles	Dimensions (mm)		
	A	B	C
2	3.70	1.00	2.40
3	4.70	2.00	3.40
4	5.70	3.00	4.40
5	6.70	4.00	5.40

20250301	A5	/	Add one critical dimension	Merlyn Zhuang	Jack Zhang	GENERAL TOLERANCE	SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				DWG NO.				
20240927	A4	/	Correct the annotated dimension"4.40"	Merlyn Zhuang	Jack Zhang	.X ±0.35					1004H-XXA-NOHFX				
20240424	A3	/	Add color coding	Yetty Jiang	Jack Zhang	.XX ±0.25					TITLE 1.00mm Crimp Style Connectors				
						.XXX±0.15									
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	X: ±2"	APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
							Jack Zhang	Waverly Wang	Merlyn Zhuang	2021/04/02	mm	1:1	1/2	A5	CD

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



Poles	Dimensions (mm)			Poles	Dimensions (mm)		
	A	B	C		A	B	C
6	7.70	5.00	6.40	11	12.70	10.00	11.40
7	8.70	6.00	7.40	12	13.70	11.00	12.40
8	9.70	7.00	8.40	13	14.70	12.00	13.40
9	10.70	8.00	9.40	14	15.70	13.00	14.40
10	11.70	9.00	10.40	15	16.70	14.00	15.40

20250301	A5	/	Add one critical dimension	Merlyn Zhuang	Jack Zhang
20240927	A4	/	Correct the annotated dimension"4.40"	Merlyn Zhuang	Jack Zhang
20240424	A3	/	Add color coding	Yetty Jiang	Jack Zhang
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL

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

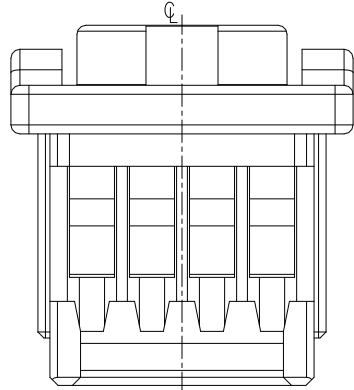
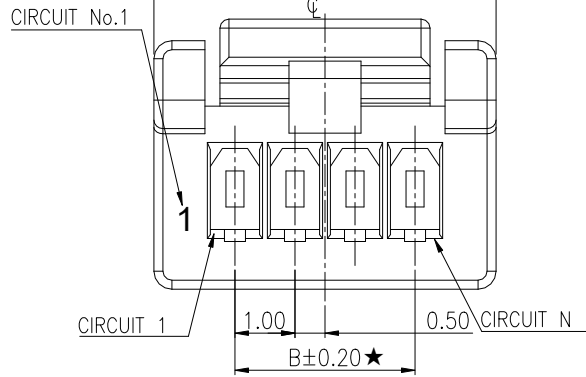
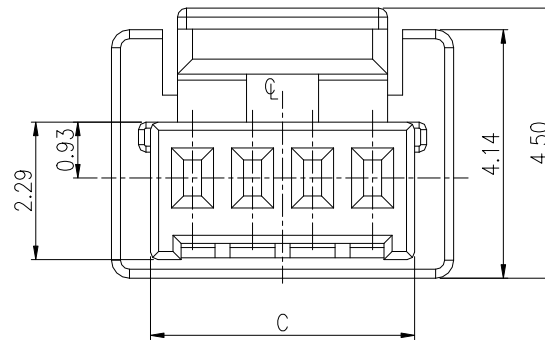
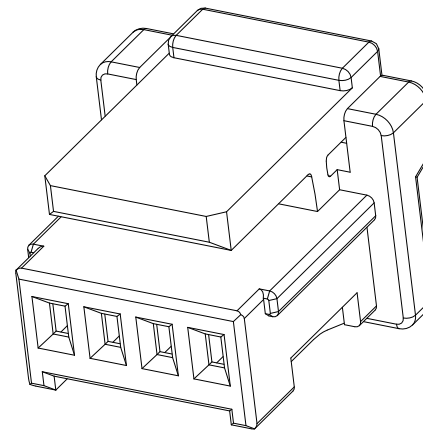
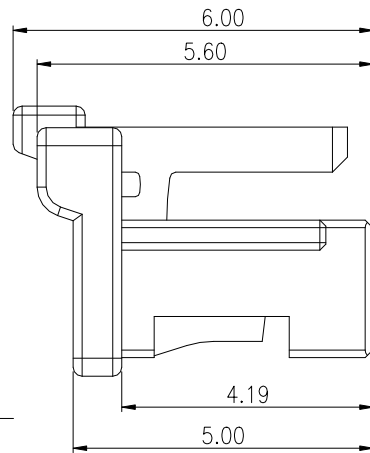
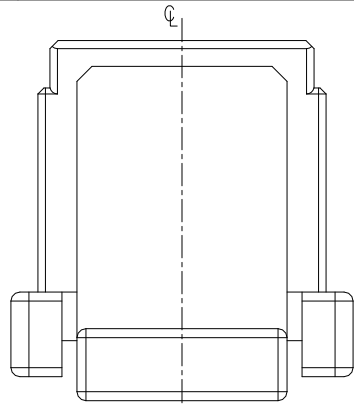
SMS 东莞市思索技术股份有限公司
Dongguan SESO Technology Co.,Ltd.

APPROVAL	CHECK	DRAWN	DATE
Jack Zhang	Waverly Wang	Merlyn Zhuang	2021/04/02

DWG NO. 1004H-XXA-NOHFXX				
TITLE 1.00mm Crimp Style Connectors				
UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	2/2	A5	CD

RoHS

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



Specifications :

- Voltage rating: 100V AC / DC
- Current rating: 1A Max. AC / DC
- Withstanding voltage: 300V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance: ≥100MΩ
- Contact resistance: ≤20mΩ
- After environmental testing: ≤40mΩ
- Mates With SESO Terminal: 1004T
- Symbols for Critical dimensions: "★"

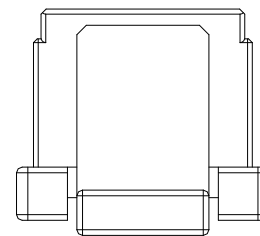
1004 H - XX B - NO HF NC
① ② ③ ④ ⑤ ⑥ ⑦

- ① Series No.
- ② Category: H-Housing
- ③ Row No.-Pin No: XX-02-15Pin
- ④ Special code: B-Outter Lock
- ⑤ Plastic material: NO- PA66 UL94V-0
- ⑥ HF-Halogen Free
- ⑦ Color: NC-Natural

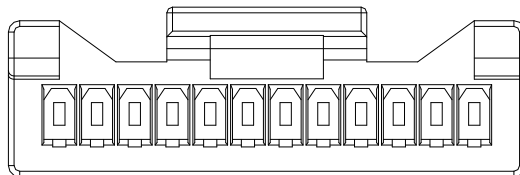
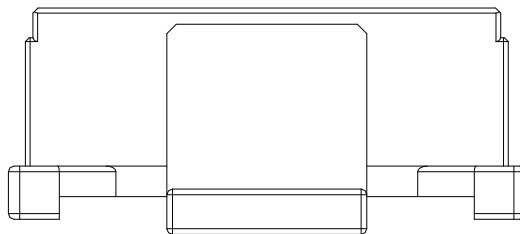
Poles	Dimensions (mm)		
	A	B	C
3	4.70	2.00	3.40
4	5.70	3.00	4.40
5	6.70	4.00	5.40
6	7.70	5.00	6.40
12	13.70	11.00	12.40



20241121	A4	/	Add one critical dimension	Merlyn Zhuang	Jack Zhang	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 Jack Zhang Waverly Wang Merlyn Zhuang 2021/04/02				PART NO.				
20240305	A3	/	Updated version	Aump chua	Larry Yang					1004H-XXB-NOHFNC				
20240229	A2	/	Updated version	Aump chua	Larry Yang					TITLE				
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL					1.00mm Crimp Style Connectors				
						UNIT	SCALE	SHEET	REV	NUMBER				
						mm	1:1	1/2	A4	CD				



5Pin

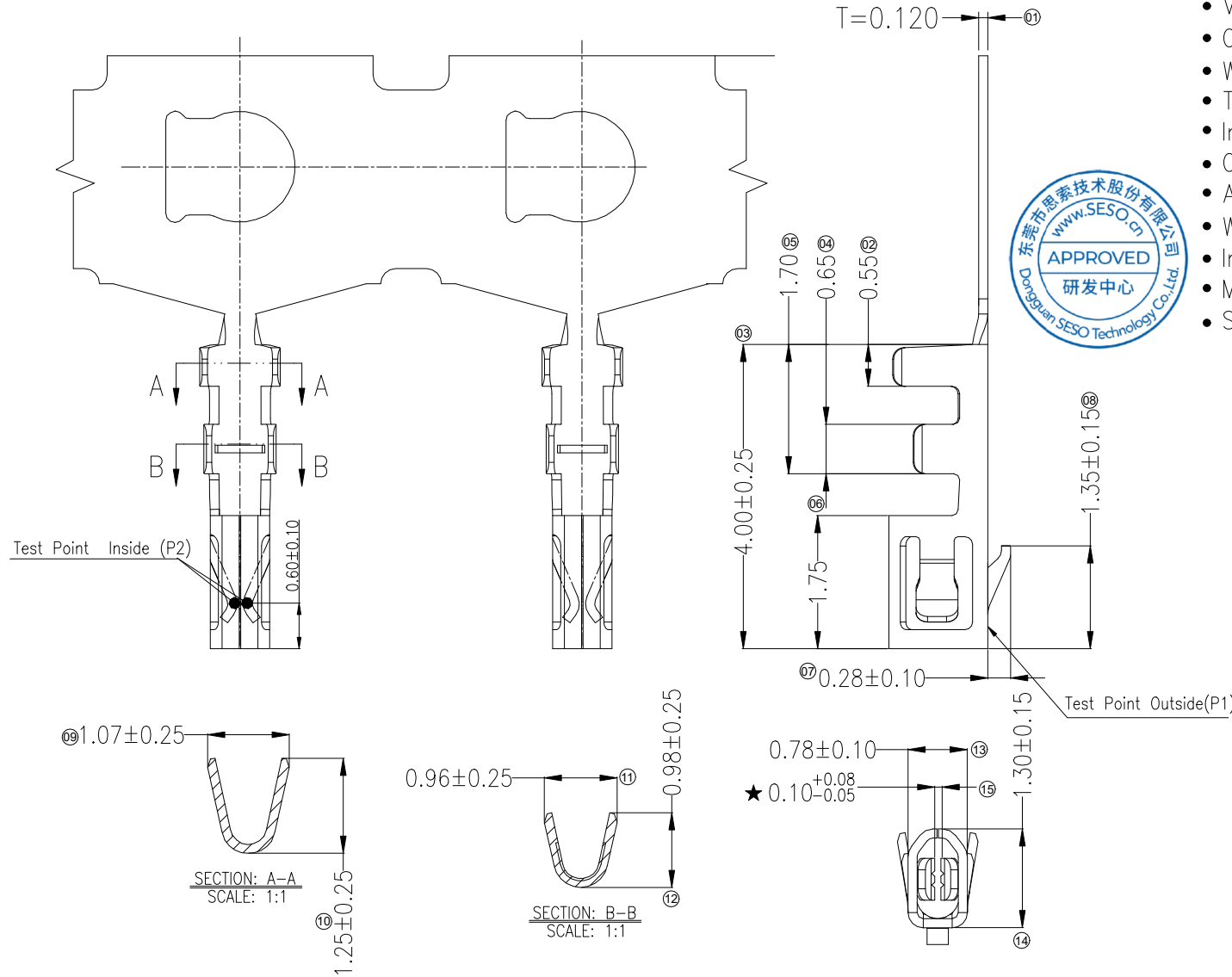


12Pin

20241121	A4	/	Add one critical dimension	Merlyn Zhuang	Jack Zhang	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.				PART NO. 1004H-XXB-N0HFC							
20240305	A3	/	Updated version	Aump chua	Larry Yang					TITLE							
20240229	A2	/	Updated version	Aump chua	Larry Yang					1.00mm Crimp Style Connectors							
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL					APPROVAL				CHECK	DRAWN	DATE	UNIT
						Jack Zhang				Waverly Wang	Merlyn Zhuang	2021/04/02	mm	1:1	2/2	A4	CD

RoHS

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



Specifications :

- Voltage rating: 100V AC/DC $\triangle A0$
- Current rating: 1A AC/DC
- Withstanding voltage: 250V AC/minute
- Temperature range: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$
- Insulation resistance: $\geq 100\text{M}\Omega$
- Contact resistance: $\leq 20\text{m}\Omega$
- After environmental testing: $\leq 40\text{m}\Omega$
- Wire Range: AWG#28~32, 34+34AWG, 33+33AWG
- Insulation O.D: 0.80mm(Max)
- Mates With SESO Housing: 1004H
- Symbols for Critical dimensions: "★"

1004 T X-P XXX X-X
① ② ③ ④ ⑤ ⑥ ⑦

- ① Series Number
② Category: T-terminal
③ Shape: Blank-ordinary
④ Material: P-Phosphor bronze
⑤ Plating code:
SN-Bright Tin Plating 100u" Min.; Nickel 50u" Min.
SW-Matte Tin Plating 100u" Min.; Nickel 50u" Min.
V01-Contact Area Gold flash. Other Area: Gold flash
Ni: 50u" Min.
V05-Contact Area Gold 5u" Min. Other Area: Gold flash
Ni: 30u" Min.
V04-Contact Area Gold 4u" Min. Other Area: Gold flash
Ni: 30u" Min.
V15-Contact Area Gold 15u" Min. Other Area Gold flash.
Ni: 30u" Min.
V30-Contact Area Gold 30u" Min. Other Area Gold flash.
Ni: 30u" Min.
⑥ Plating method: Blank-Stamping before plating
B-Plating before stamping
⑦ Special No.: C-Two ran two plating (Test Point: P2)
Blank-One ran one plating (Test Point: P1)

GENERAL TOLERANCE

.X ± 0.30
.XX ± 0.20
.XXX ± 0.10
X.' $\pm 2'$

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 Zhang Waverly Wang Merlyn Zhuang 2025/03/20

PART NO.
1004T-PXXXX-X

TITLE
1.00mm Crimp Style Connectors

UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	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: 100V AC / DC
- Current rating: 1A Max. AC / DC
- Withstanding voltage: 300V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance:≥100MΩ
- Contact resistance: ≤20mΩ
- After environmental testing: ≤40mΩ
- Material(Pin): Phosphor bronze
- Mates With SESO Housing: 1004H
- Symbols for SPC dimensions:" ★ "

1004 W R S - XX A HF - XX XXX X R
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪

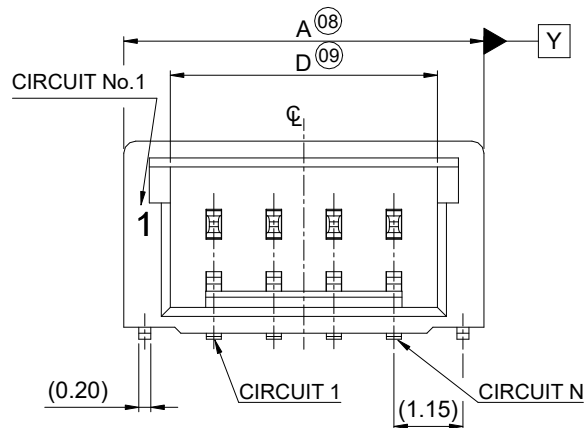
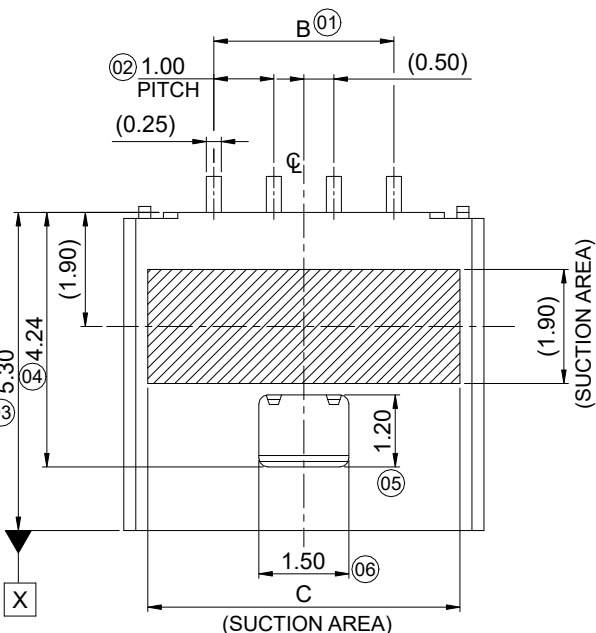
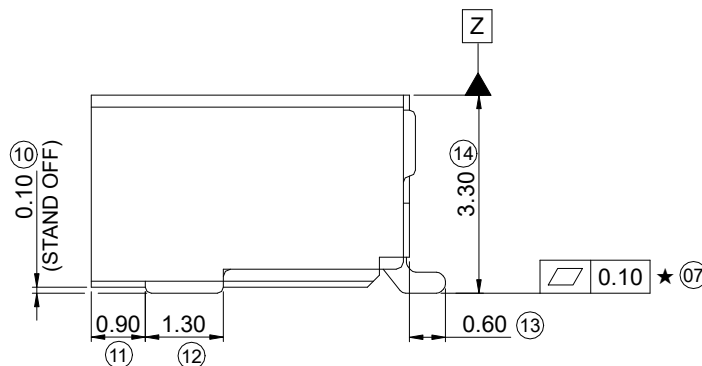
- ① Series No.
② Category: W-wafer
③ Connector Type: R-Right Angle 90°
④ Mouting Type: S-SMT
⑤ Row No.-Pin No: XX-02-15Pin
⑥ Special code: A-Inner Lock
⑦ HF-Halogen Free
⑧ Plastic material: 4T- PA4T UL94V-0 LP- LCP UL94V-0
⑨ Plating Code:

SW1-Matte Tin plating 100u" Min. overall,
Ni50-100u" under plating.
V01-G/F plating overall,Ni50-100u" under plating.
V04-Au4u" Min.plating on contact area,
G/F plating on solder area,Ni50-100u" under plating.
V10-Au10u" Min.plating on contact area,
G/F plating on solder area,Ni50-100u" under plating.
V15-Au15u" Min.plating on contact area,
G/F plating on solder area,Ni50-100u" under plating.
V30-Au30u" Min.plating on contact area,
G/F plating on solder area, Ni50-100u"under plating.
GW04-Au 4u" Min.plating on contact area,
Matte tin100u"-160u" plating on solder area,
Ni50-100u" under plating.
GW15-Au15u" Min.plating on contact area,
Matte tin100u"-160u" plating on solder area,
Ni50-100u" under plating.

⑩ Color: E-Becky color N-Natural color B-Black color

⑪ Packing: R-Reel

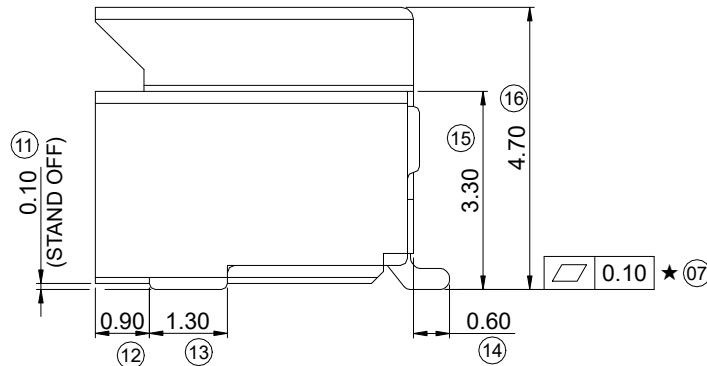
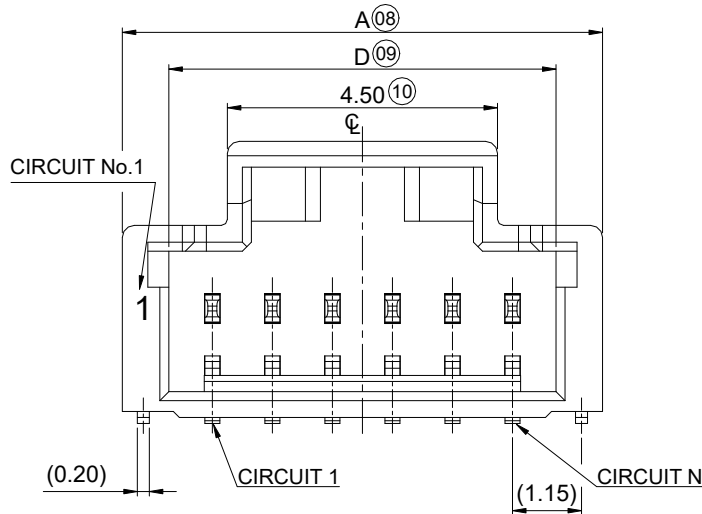
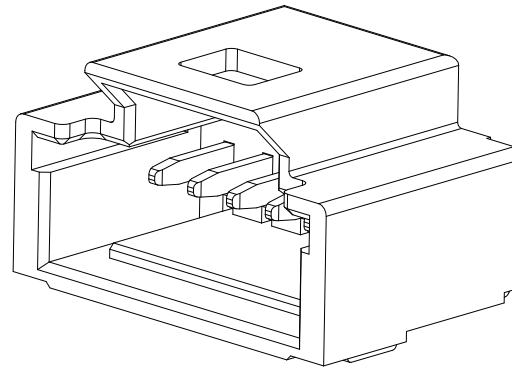
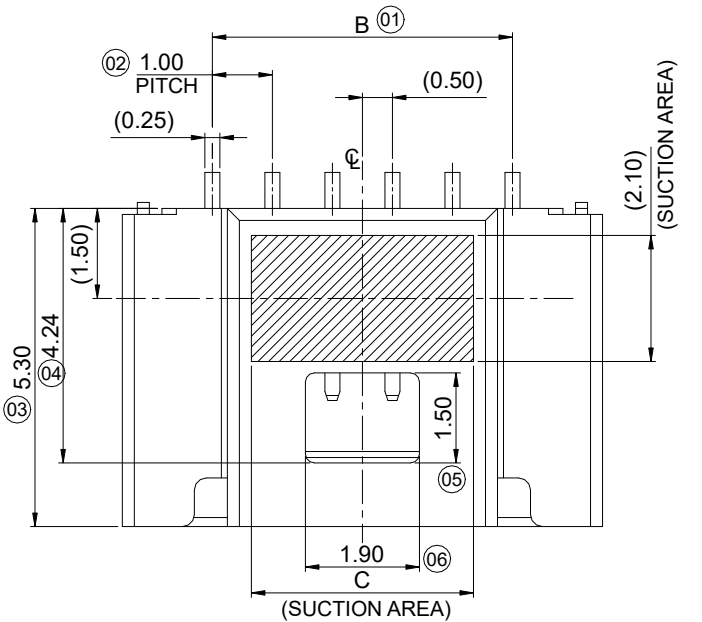
Poles	Dimensions (mm)			
	A	B	C	D
2	4.00	1.00	3.20	2.45
3	5.00	2.00	4.20	3.45
4	6.00	3.00	5.20	4.45
5	7.00	4.00	6.20	5.45



2024.09.20	A5	/	Change the serial number of dimensions	Merlyn Zhuang	Jack Zhang	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.				PART NO. 1004WRS-XXAHF-XXXXXXR				
2024.04.13	A4	/	Updated version	Aump chua	Larry Yang						TITLE 1.00mm Crimp Style Connectors				
2023.09.14	A3	/	Added Black color specification	Sunny Huang	Larry Yang						UNIT	SCALE	SHEET	REV	NUMBER
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL						mm	1:1	1/3	A5	CD

RoHS

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



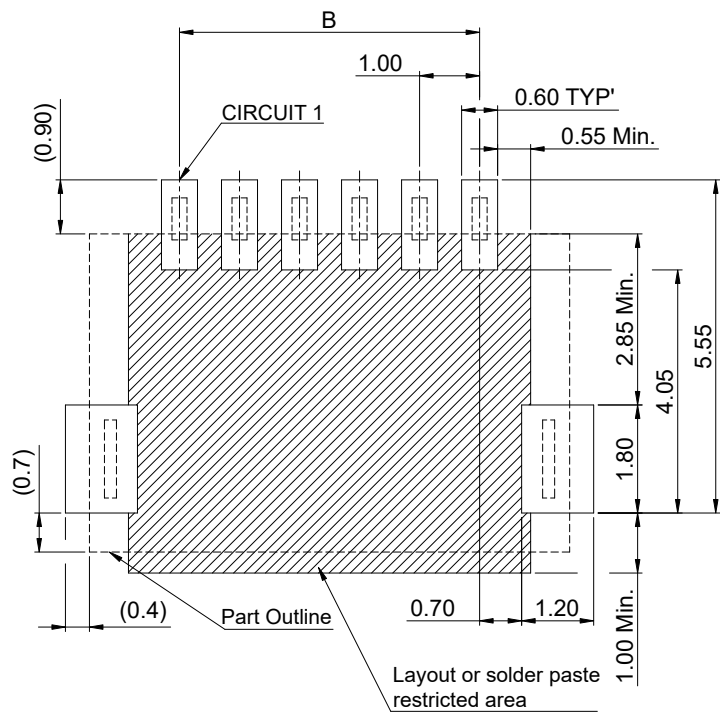
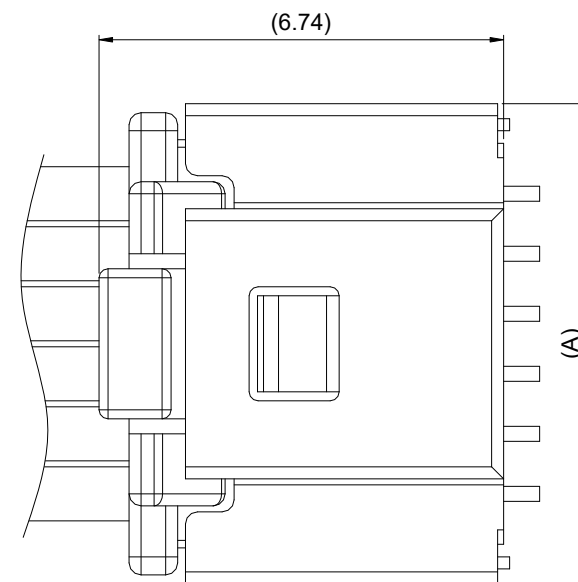
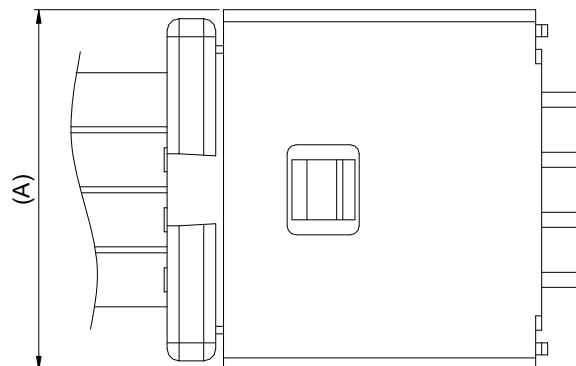
Poles	Dimensions (mm)			
	A	B	C	D
6	8.00	5.00	3.70	6.45
7	9.00	6.00	3.70	7.45
8	10.00	7.00	3.70	8.45
9	11.00	8.00	3.70	9.45
10	12.00	9.00	3.70	10.45
11	13.00	10.00	3.70	11.45
12	14.00	11.00	3.70	12.45
13	15.00	12.00	3.70	13.45
14	16.00	13.00	3.70	14.45
15	17.00	14.00	3.70	15.45

2024.09.20	A5	/	Change the serial number of dimensions	Merlyn Zhuang	Jack Zhang
2024.04.13	A4	/	Updated version	Aump chua	Larry Yang
2023.09.14	A3	/	Added Black color specification	Sunny Huang	Larry Yang
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL

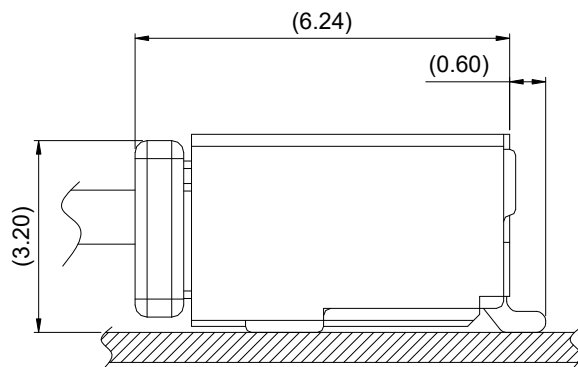
GENERAL TOLERANCE		SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.			
.X ±0.30					
.XX ±0.20					
.XXX±0.10					
X.° ±2°		APPROVAL	CHECK	DRAWN	DATE
PROJECT		Jack Zhang	Larry Yang	BIN	2021/04/02

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

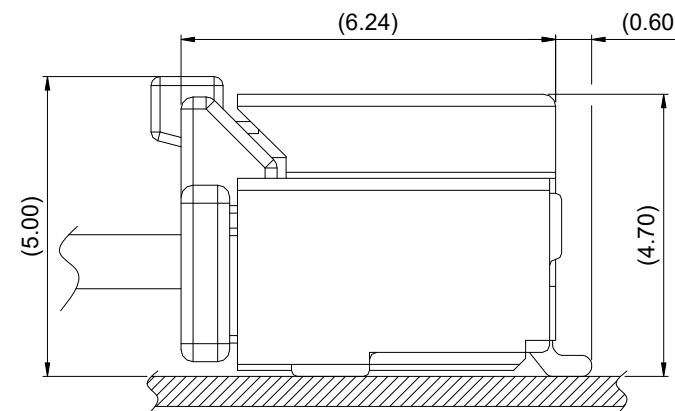
PART NO.				
1004WRS-XXAHF-XXXXXXR				
TITLE				
1.00mm Crimp Style Connectors				
UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	2/3	A5	CD



Recommended PCB Layout (General Tolerance:±0.05)



2-5 Poles



6-15 Poles

2024.09.20	A5	/	Change the serial number of dimensions	Merlyn Zhuang	Jack Zhang	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. PART NO. 1004WRS-XXAHF-XXXXXXR								
2024.04.13	A4	/	Updated version	Aump chua	Larry Yang					APPROVAL CHECK DRAWN DATE				
2023.09.14	A3	/	Added Black color specification	Sunny Huang	Larry Yang									UNIT SCALE SHEET REV NUMBER
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL					Jack Zhang	Larry Yang	BIN	2021/04/02	

RoHS

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

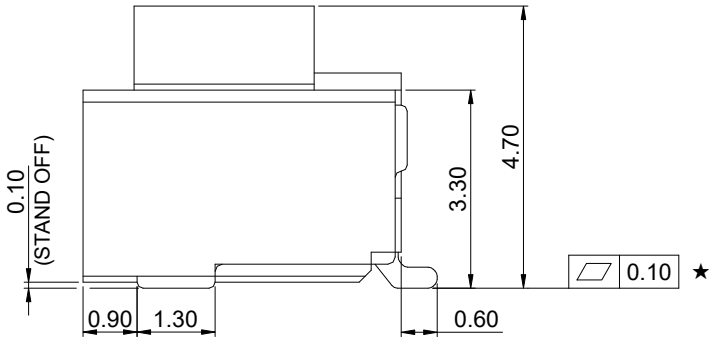
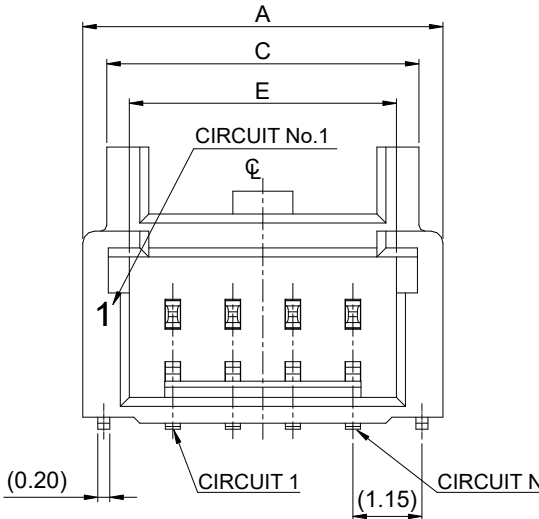
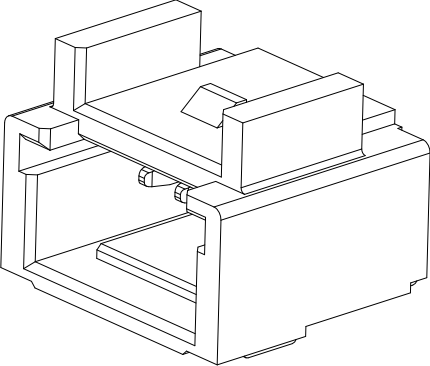
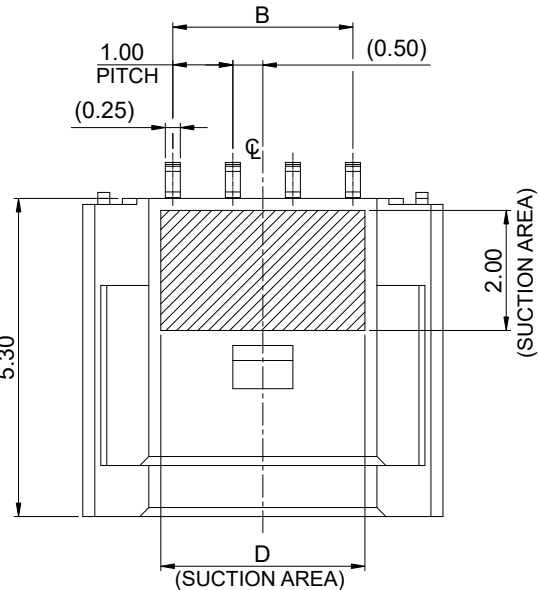


- Specifications :
- Voltage rating: 100V AC / DC
 - Current rating: 1A Max. AC / DC
 - Withstanding voltage: 300V AC/minute
 - Temperature range: -40°C~+105°C
 - Insulation resistance:≥100MΩ
 - Contact resistance: ≤20mΩ
 - After environmental testing: ≤40mΩ
 - Material(Pin): Phosphor bronze
 - Material(Nail) : Brass
 - Mates With SESO Housing: 1004H
 - Symbols for SPC dimensions: " ★ "

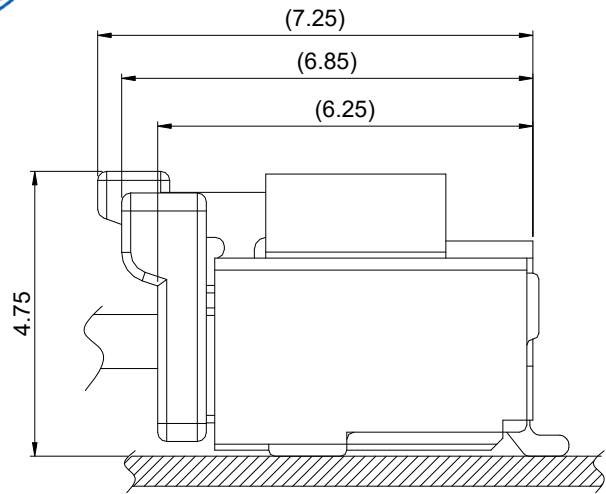
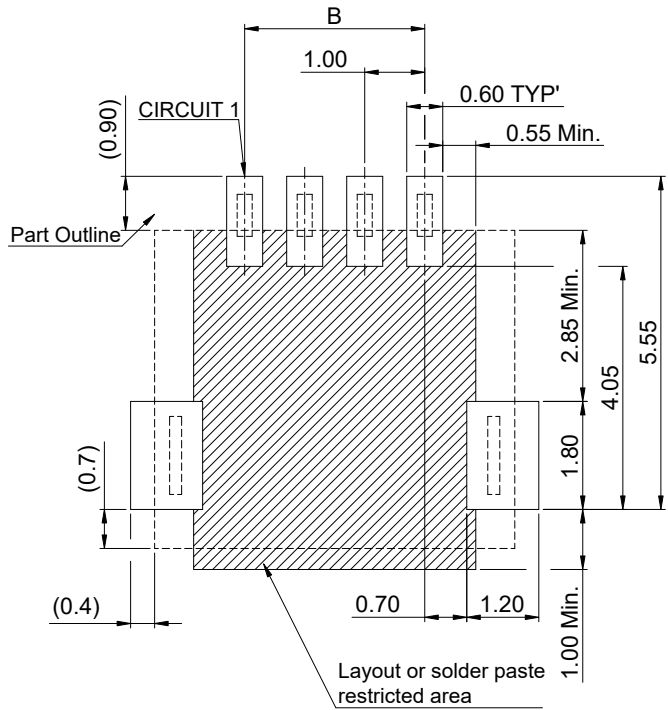
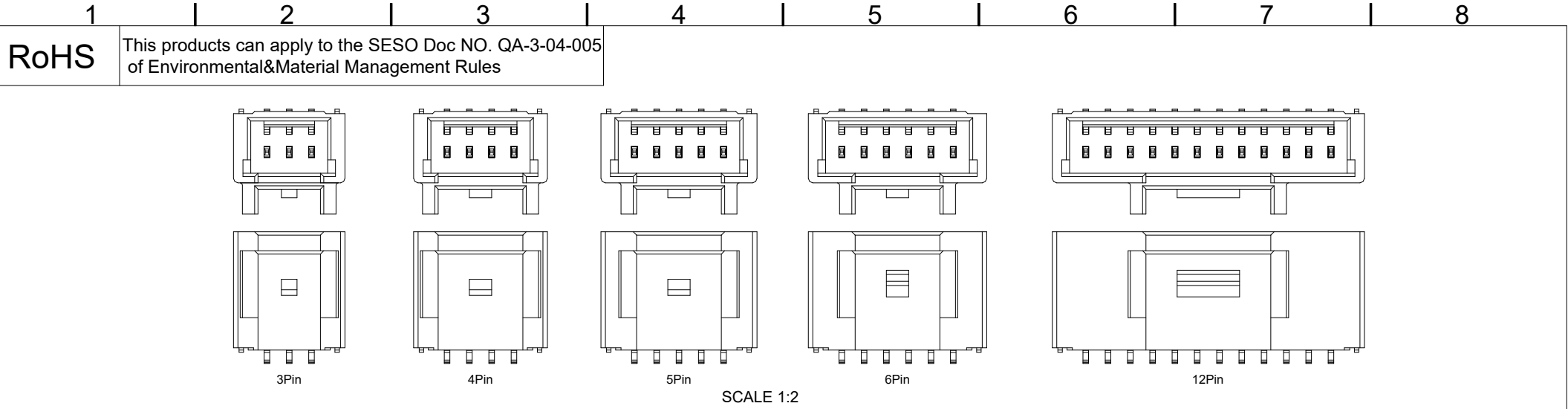
1004 W R S - XX B HF - 4T XXX E R
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪

- ① Series No.
② Category: W-wafer
③ Connector Type: R-Right Angle 90°
④ Mouting Type: S-SMT
⑤ Row No.-Pin No: XX-02-15Pin
⑥ Special code: B-Outer Lock
⑦ HF-Halogen Free
⑧ Plastic material: 4T- PA4T UL94V-0
⑨ Plating Code:
SW1-Matte Tin plating 100u" Min. overall,
Ni50u" Min. under plating.
V01-G/F plating overall,Ni50u" Min. under plating.
V04-Au4u" Min.plating on contact area,
G/F plating on solder area,
Ni50u" Min. under plating.
V15-Au15u" Min.plating on contact area,
G/F plating on solder area,
Ni50u" Min. under plating.
V30-Au30u" Min.plating on contact area,
G/F plating on solder area,
Ni50u" Min. under plating.
⑩ Color: E-Becky color
⑪ Packing: R-Reel

Poles	Dimensions (mm)				
	A	B	C	D	E
3	5.00	2.00	4.20	2.40	3.45
4	6.00	3.00	5.20	3.40	4.45
5	7.00	4.00	5.20	3.40	5.45
6	8.00	5.00	5.20	3.40	6.45
12	14.00	11.00	7.00	3.40	12.45



GENERAL TOLERANCE						PART NO.			
.X ±0.35						1004WRS-XXBHF-4TXXXER			
.XX ±0.25						TITLE			
.XXX ±0.15						1.00mm Crimp Style Connectors			
X° ±2°						APPROVAL	CHECK	DRAWN	DATE
PROJECT						Jack Zhang	Larry Yang	BIN	2021/04/02
UNIT						mm	SCALE	SHEET	REV
mm						1:1	1/2	A2	CD

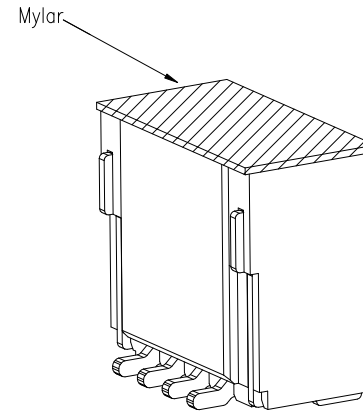
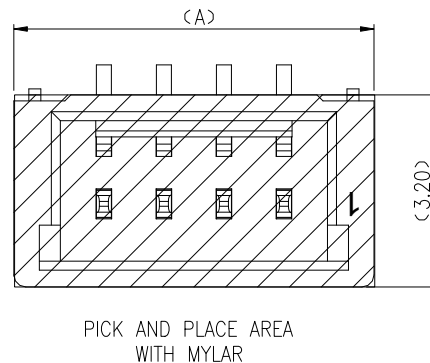
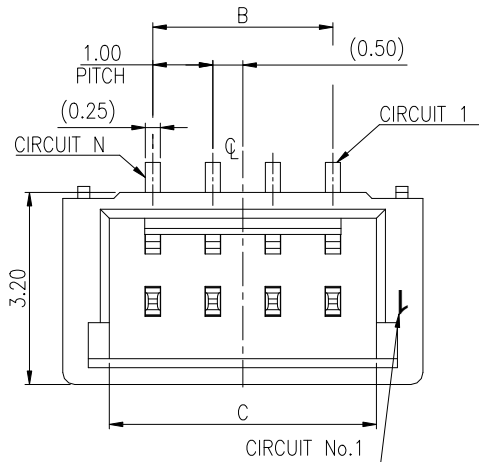


Recommended PCB Layout (General Tolerance:±0.05)

						GENERAL TOLERANCE		SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd. APPROVALCHECKDRAWNDATE Jack ZhangLarry YangBIN2021/04/02				PART NO. 1004WRS-XXBHF-4TXXXER				
						.X ±0.35						TITLE 1.00mm Crimp Style Connectors				
2024/03/05	A2	/	Updated version	Aump chua	Larry Yang	.XX ±0.25										
						.XXX ±0.15										
2022/10/24	A1	/	The 6Pin and 12Pin specifications are added	Alan	Larry Yang	X.° ±2°						UNITSCALESHEETREVNUMBER				
DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL	PROJECT 						mm	1:1	2/2	A2	CD

RoHS

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

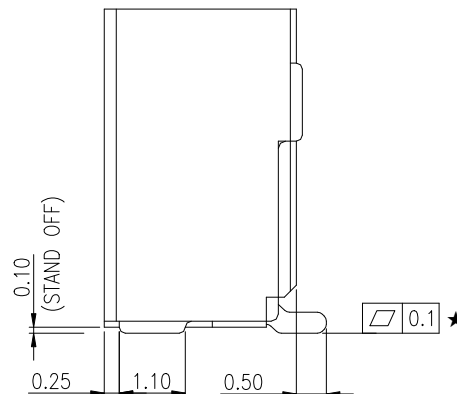
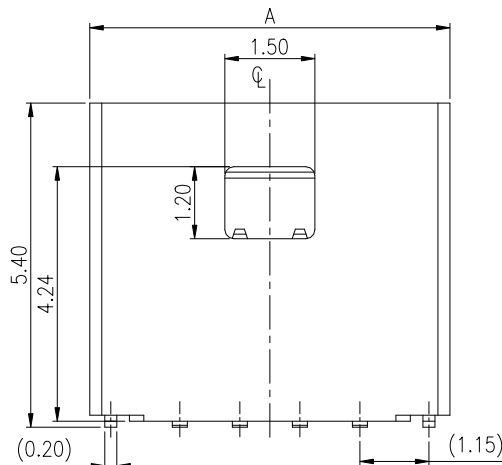


- Specifications :
- Voltage rating: 100V AC / DC
 - Current rating: 1A Max. AC / DC
 - Withstanding voltage: 300V AC/minute
 - Temperature range: -40°C~+105°C
 - Insulation resistance: $\geq 100\text{M}\Omega$
 - Contact resistance: $\leq 20\text{m}\Omega$
 - After environmental testing: $\leq 40\text{m}\Omega$
 - Material(Pin): Phosphor bronze
 - Mates With SESO Housing: 1004H
 - Cap color: The Black housing matches the Black Cap, and the Becky color and the Natural color housing matches the Natural color Cap
 - Symbols for SPC dimensions: "★"

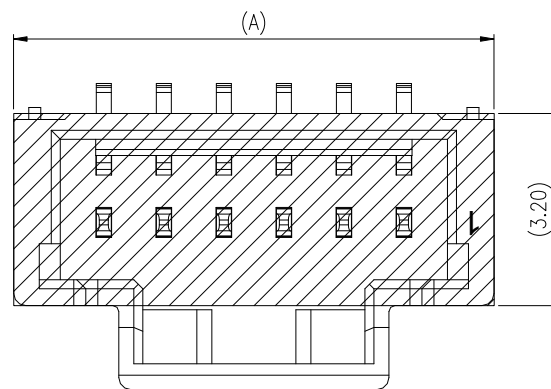
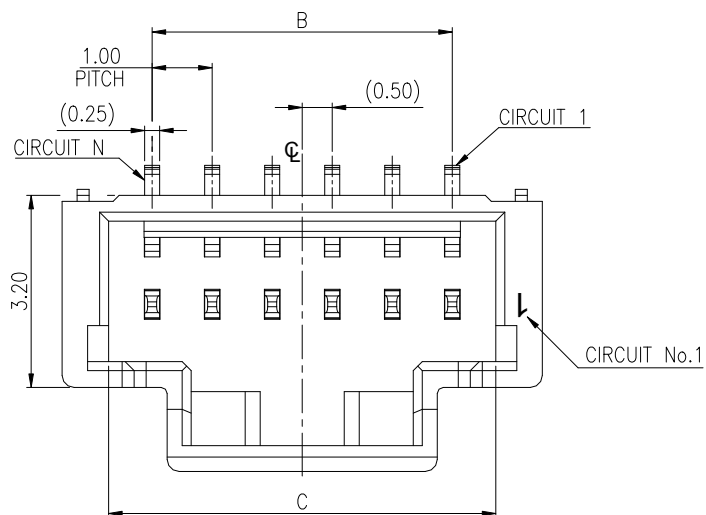
Poles	Dimensions (mm)		
	A	B	C
2	4.00	1.00	2.45
3	5.00	2.00	3.45
4	6.00	3.00	4.45
5	7.00	4.00	5.45

1004 W V S - XX A HF - XX XXX X W
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

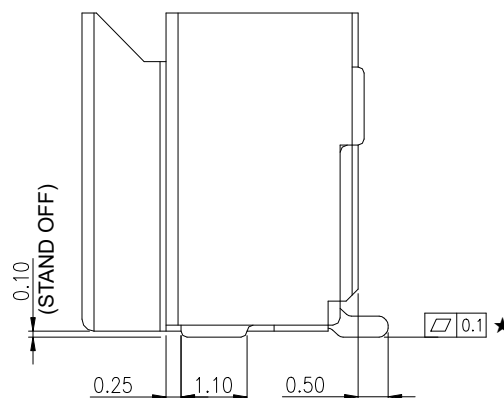
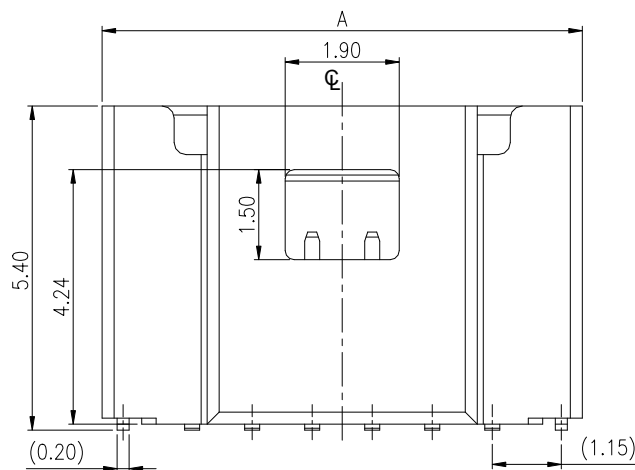
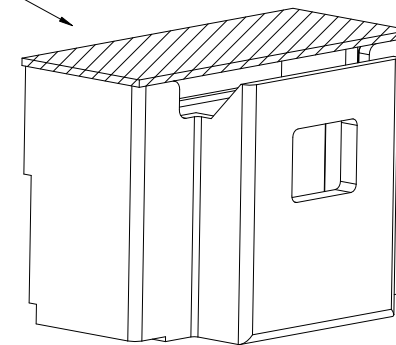
- ① Series No.
② Category: W-wafer
③ Connector Type: V- 180°
④ Mounting Type: S-SMT
⑤ Row No.-Pin No: XX-02-15Pin
⑥ Special code: A-Inner Lock
⑦ HF-Halogen Free
⑧ Plastic material: 4T- PA4T UL94V-0 LP- LCP UL94V-0
⑨ Plating Code:
SW1-Matte Tin plating 100u" Min. overall,
Ni50-100u" under plating.
V01-G/F plating overall, Ni50-100u" under plating.
V04-Au4u" Min. plating on contact area,
G/F plating on solder area, Ni50-100u" under plating.
V15-Au15u" Min. plating on contact area,
G/F plating on solder area, Ni 50-100u" under plating.
V30-Au30u" Min. plating on contact area,
G/F plating on solder area, Ni 50-100u" under plating.
GW04-Au 4u" Min. plating on contact area,
Matte tin100u"-160u" plating on solder area,
Ni 50-100u" under plating.
GW15-Au15u" Min. plating on contact area,
Matte tin100u"-160u" plating on solder area,
Ni 50-100u" under plating.
⑩ Housing Color: E-Becky N-Natural B-Black
⑪ Packing: W-Carrier tape/ (with Mylar)



						GENERAL TOLERANCE				PART NO.			
						.X ±0.30				1004WVS-XXAHF-XXXXXXW			
						.XX ±0.20				TITLE			
						.XXX±0.10				1.00mm Crimp Style Connectors			
						X: ±2°				UNIT SCALE SHEET REV NUMBER			
						PROJECT				mm 1:1 1/3 A0 CD			
						APPROVAL				Jack Zhang Larry Yang Sunny Huang 2021/04/02			
						CHECK							
						DRAWN							
						DATE							
						APPROVAL							
						CHECK							
						DRAWN							
						DATE							

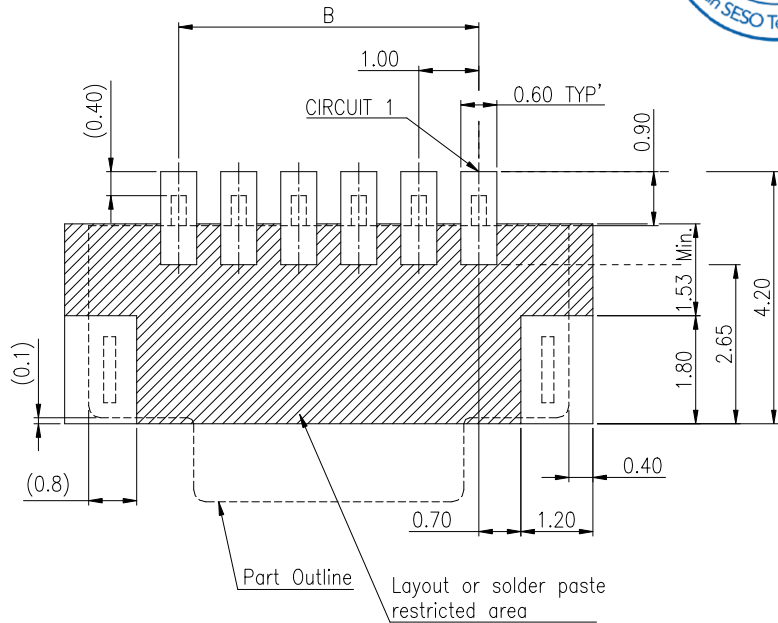


PICK AND PLACE AREA
WITH MYLAR

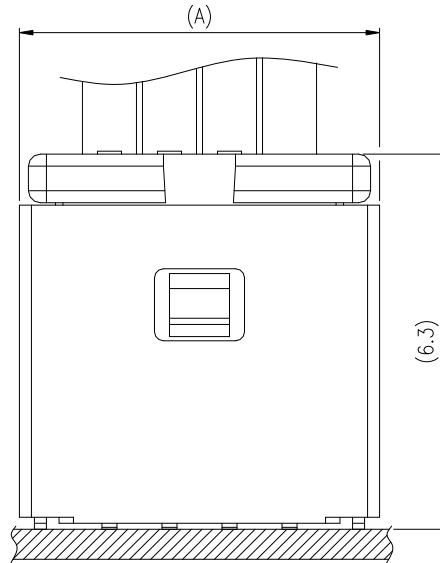


Poles	Dimensions (mm)		
	A	B	C
6	8.00	5.00	6.45
7	9.00	6.00	7.45
8	10.00	7.00	8.45
9	11.00	8.00	9.45
10	12.00	9.00	10.45
11	13.00	10.00	11.45
12	14.00	11.00	12.45
13	15.00	12.00	13.45
14	16.00	13.00	14.45
15	17.00	14.00	15.45

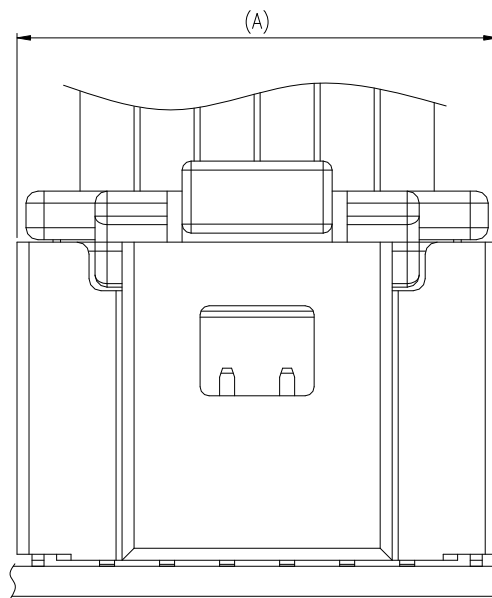
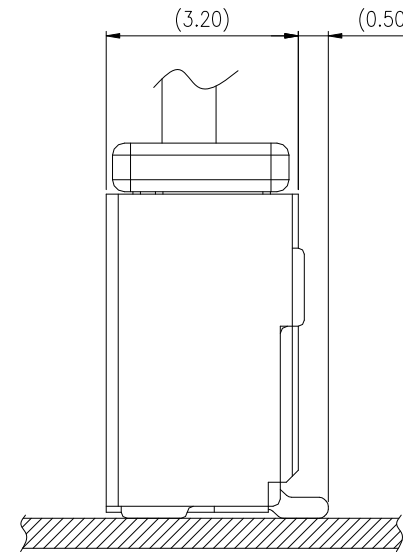
						GENERAL TOLERANCE	SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				PART NO. 1004WVS-XXAHF-XXXXXXW				
						.X ±0.30					TITLE 1.00mm Crimp Style Connectors				
						.XX ±0.20									
						.XXX±0.10									
20240808	A0	/	Added mylar packaging specifications	Li XIAOLONG	Larry Yang	X.* ±2"	APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT	Jack Zhang	Larry Yang	Sunny Huang	2021/04/02	mm	1:1	2/3	A0	CD
1		2		3		4		5		6		7		8	



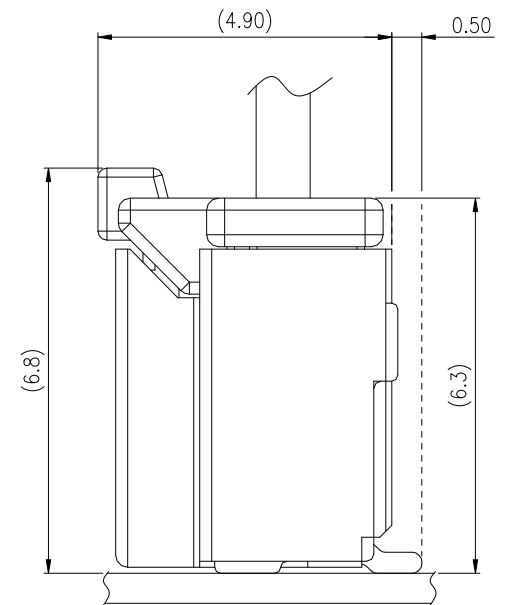
Recommended PCB Layout (General Tolerance:±0.05)



2-5 Poles



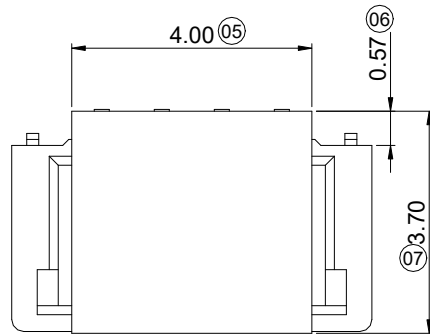
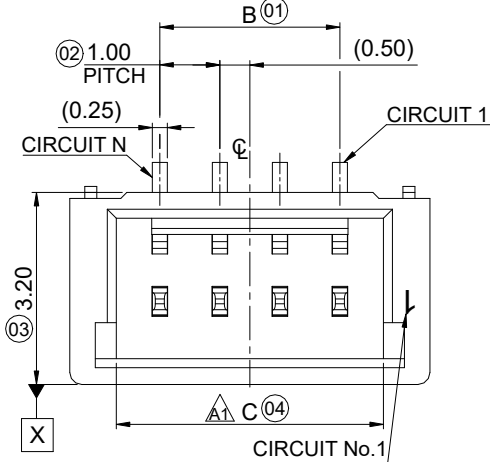
6-15 Poles



						GENERAL TOLERANCE				SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				PART NO. 1004WVS-XXAHF-XXXXXXW					
						.X ±0.30								TITLE 1.00mm Crimp Style Connectors					
						.XX ±0.20													
						.XXX±0.10													
20240808	A0	/	Added mylar packaging specifications	Li XIAOLONG	Larry Yang		X:° ±2°				APPROVAL	CHECK	DRAWN	DATE	UNIT 1.00mm Crimp Style Connectors				
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT 				Jack Zhang	Larry Yang	Sunny Huang	2021/04/02	UNIT mm	SCALE 1:1	SHEET 3/3	REV A0	NUMBER CD	

RoHS

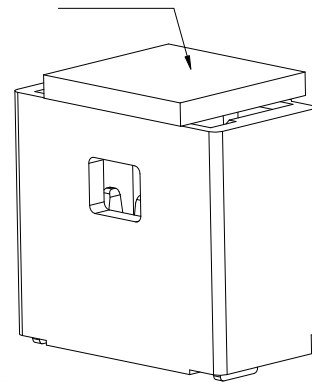
This products can apply to the SESO Doc NO. QA-3-04-005 of Environmental&Material Management Rules



PICK AND PLACE AREA
WITH CAP



Cap color:See Specifications

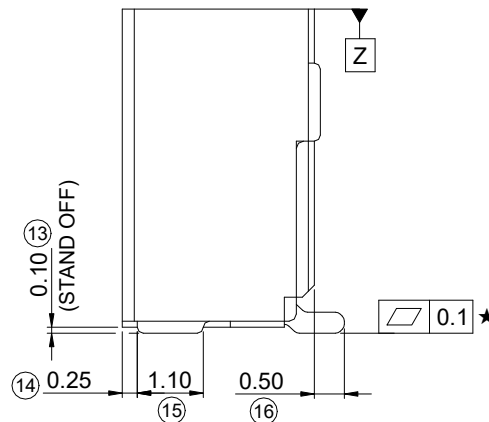
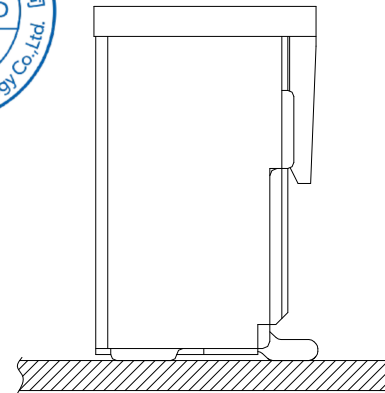


■ Specifications :

- Voltage rating: 100V AC / DC
- Current rating: 1A Max. AC / DC
- Withstanding voltage: 300V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance:≥100MΩ
- Contact resistance: ≤20mΩ
- After environmental testing:≤40mΩ
- Material(Pin):Phosphor bronze
- Mates With SESO Housing:1004H
- Cap color:The Black housing matches the Black Cap, and the Becky color and the Natural color housing matches the Natural color Cap
- Symbols for SPC dimensions:" ★ "

1004 W V S - XX A HF - XX XXX X X
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪

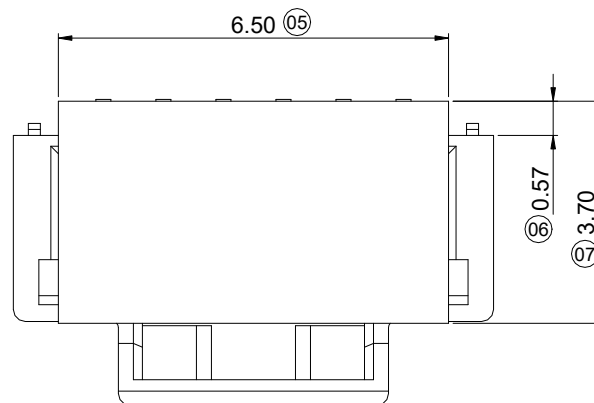
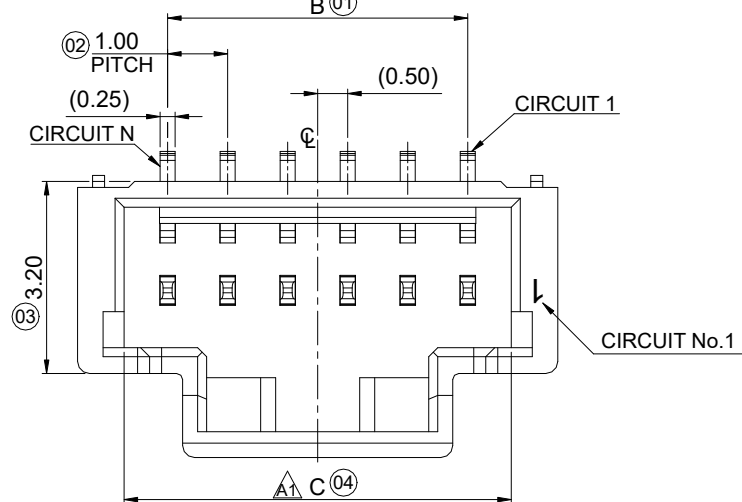
- ① Series No.
② Category: W-wafer
③ Connector Type: V- 180°
④ Mouting Type: S-SMT
⑤ Row No.-Pin No: XX-02-15Pin
⑥ Special code: A-Inner Lock
⑦ HF-Halogen Free
⑧ Plastic material: 4T- PA4T UL94V-0 LP- LCP UL94V-0
⑨ Plating Code:
SW1-Matte Tin plating 100u" Min. overall,
Ni50-100u" under plating.
V01-G/F plating overall,Ni50-100u" under plating.
V04-Au4u" Min.plating on contact area,
G/F plating on solder area,Ni50-100u" under plating.
V15-Au15u" Min.plating on contact area,
G/F plating on solder area,Ni 50-100u" under plating.
V30-Au30u" Min.plating on contact area,
G/F plating on solder area, Ni 50-100u"under plating.
GW04-Au 4u" Min.plating on contact area,
Matte tin100u"-160u" plating on solder area,
Ni 50-100u" under plating.
GW15-Au15u" Min.plating on contact area,
Matte tin100u"-160u" plating on solder area,
Ni 50-100u" under plating.
⑩ Housing Color:E-Becky N-Natural B-Black
⑪ Packing: C-Carrier tape (with CAP)
R-Carrier tape/ESD (without CAP)
C1-Carrier tape/ESD (with CAP)



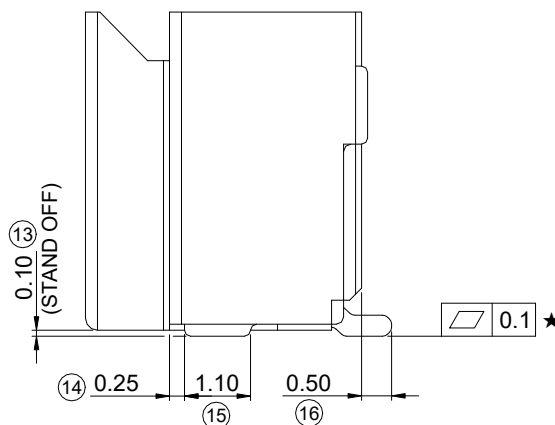
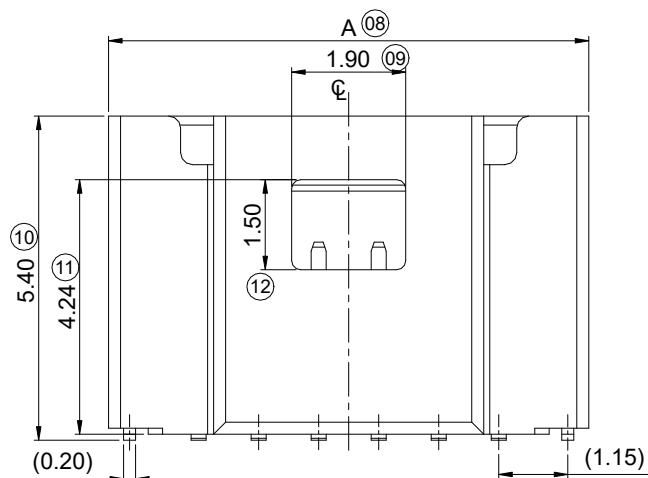
Poles	Dimensions (mm)		
	A	B	C
2	4.00	1.00	2.45
3	5.00	2.00	3.45
4	6.00	3.00	4.45
5	7.00	4.00	5.45

2024.04.13	A5	/	Updated version	Aump chua	Larry Yang	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.				PART NO.							
2023.11.20	A4	/	The Cap added Black color specification	Sunny Huang	Larry Yang					1004WVS-XXAHF-XXXXXXX							
2023.11.1	A3	/	Added Black color specification	Jill Zeng	Larry Yang					TITLE							
										1.00mm Crimp Style Connectors							
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	APPROVAL				CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
						Jack Zhang				Larry Yang	Sunny Huang	2021/04/02	mm	1:1	1/3	A5	CD

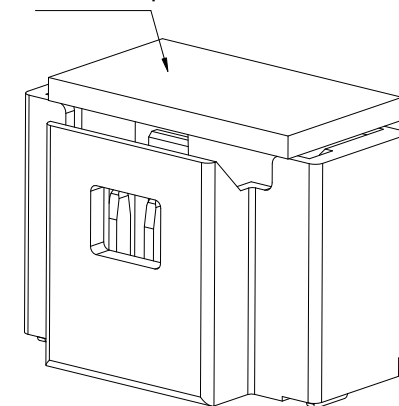
1	2	3	4	5	6	7	8
RoHS	This products can apply to the SESO Doc NO. QA-3-04-005 of Environmental&Material Management Rules						



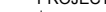
PICK AND PLACE AREA
WITH CAP



Cap color:See Specifications

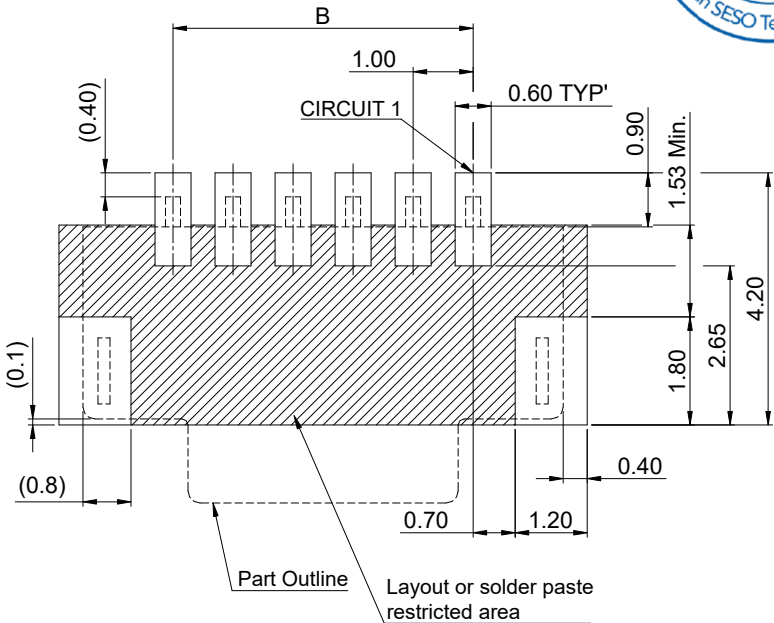


Poles	Dimensions (mm)		
	A	B	C
6	8.00	5.00	6.45
7	9.00	6.00	7.45
8	10.00	7.00	8.45
9	11.00	8.00	9.45
10	12.00	9.00	10.45
11	13.00	10.00	11.45
12	14.00	11.00	12.45
13	15.00	12.00	13.45
14	16.00	13.00	14.45
15	17.00	14.00	15.45

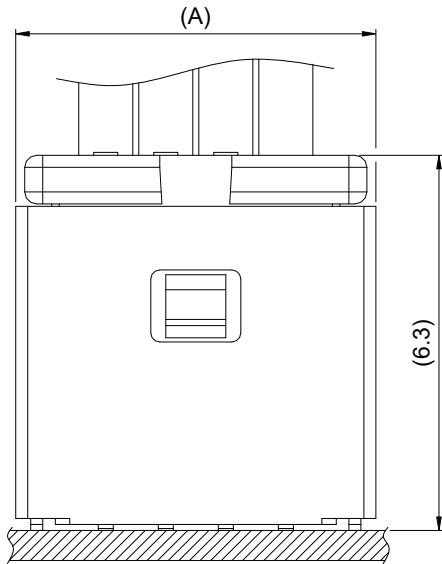
2024.04.13	A5	/	Updated version	Aump chua	Larry Yang	GENERAL TOLERANCE	SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				PART NO. 1004WVS-XXAHF-XXXXXXX				
2023.11.20	A4	/	The Cap added Black color specification	Sunny Huang	Larry Yang	.X ±0.30					TITLE 1.00mm Crimp Style Connectors				
2023.11.1	A3	/	Added Black color specification	Jill Zeng	Larry Yang	.XX ±0.20									
						.XXX±0.10									
						X.° ±2°	APPROVAL	CHECK	DRAWN	DATE					
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT 	Jack Zhang	Larry Yang	Sunny Huang	2021/04/02	UNIT	SCALE	SHEET	REV	NUMBER
							mm	1:1	2/3	A5	CD				

RoHS

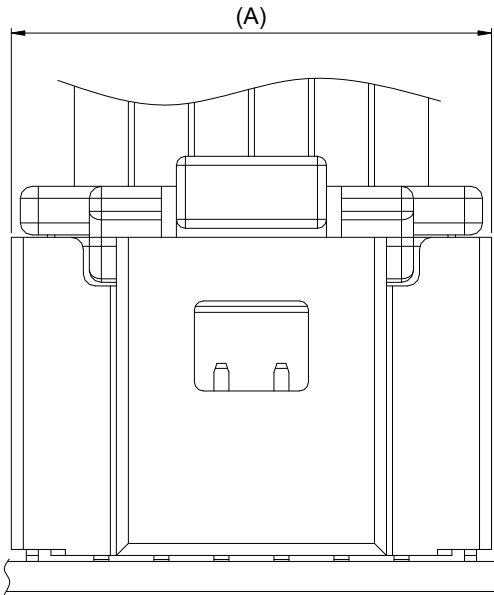
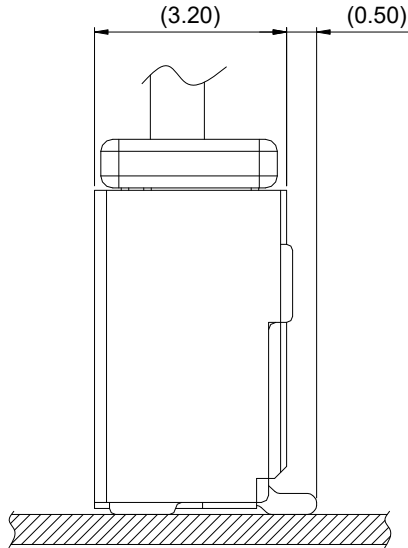
This products can apply to the SESO Doc NO. QA-3-04-005 of Environmental&Material Management Rules



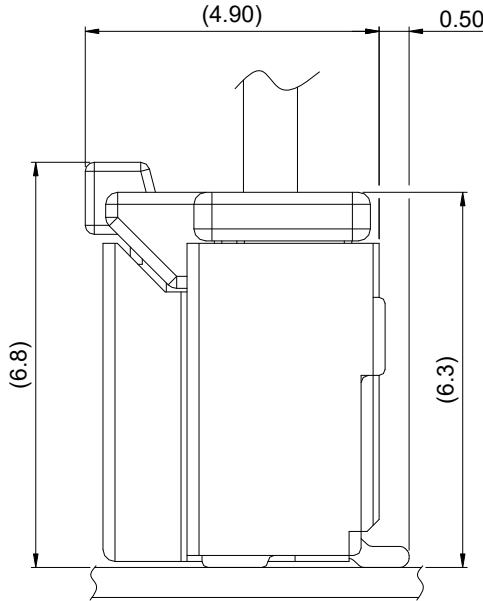
Recommended PCB Layout (General Tolerance:±0.05)



2-5 Poles



6-15 Poles



2024.04.13	A5	/	Updated version	Aump chua	Larry Yang
2023.11.20	A4	/	The Cap added Black color specification	Sunny Huang	Larry Yang
2023.11.1	A3	/	Added Black color specification	Jill Zeng	Larry Yang
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL

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

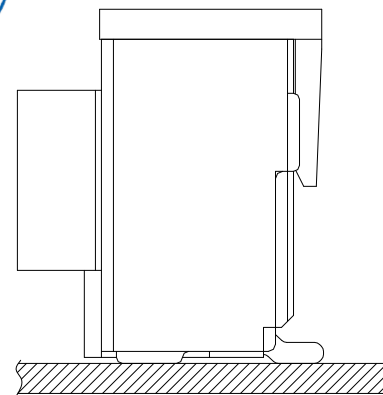
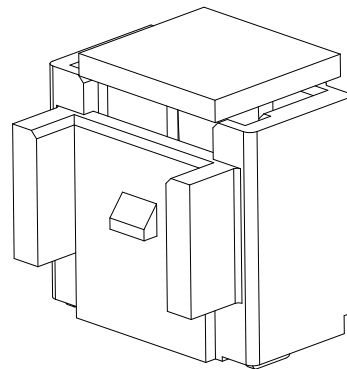
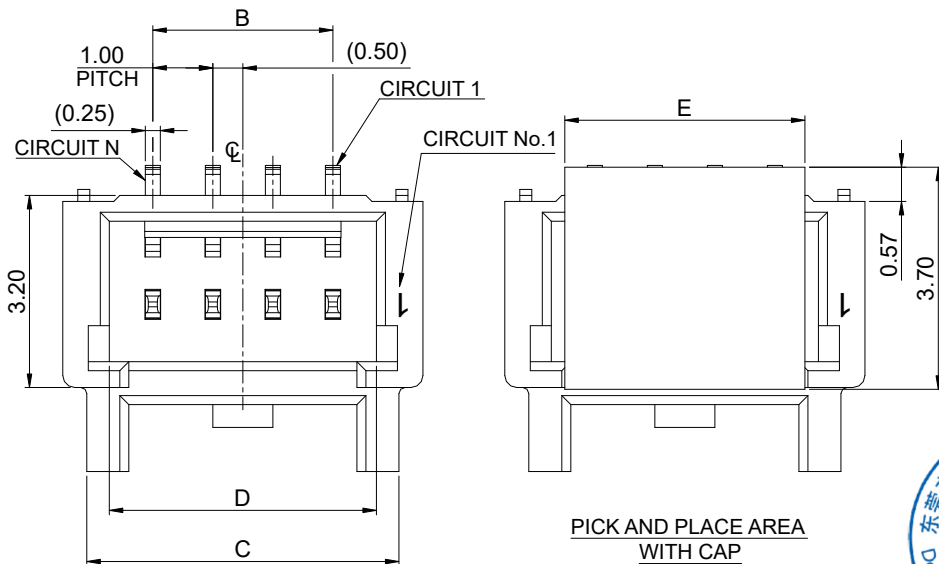
SMS 东莞市思索技术股份有限公司
Dongguan SESO Technology Co.,Ltd.

APPROVAL	CHECK	DRAWN	DATE
Jack Zhang	Larry Yang	Sunny Huang	2021/04/02

PART NO. 1004WVS-XXAHF-XXXXXXX				
TITLE 1.00mm Crimp Style Connectors				
UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	3/3	A5	CD

RoHS

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



Specifications :

- Voltage rating: 100V AC / DC
- Current rating: 1A Max. AC / DC
- Withstanding voltage: 300V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance: $\geq 100M\Omega$
- Contact resistance: $\leq 20m\Omega$
- After environmental testing: $\leq 40m\Omega$
- Material(Pin): Phosphor bronze
- Material(Nail) : Brass
- Mates With SESO Housing: 1004H
- Symbols for SPC dimensions: "★"

1004 W V S - XX B HF - 4T XXX E C
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪

- ① Series No.
- ② Category: W-wafer
- ③ Connector Type: V- 180°
- ④ Mounting Type: S-SMT
- ⑤ Row No.-Pin No: XX-02-15Pin
- ⑥ Special code: B-Outer Lock
- ⑦ HF-Halogen Free
- ⑧ Plastic material: 4T- PA4T UL94V-0
- ⑨ Plating Code:
 - SW1-Matte Tin plating 100u" Min. overall, Ni50u" Min. under plating.
 - V01-G/F plating overall, Ni50u" Min. under plating.
 - V04-Au4u" Min.plating on contact area, G/F plating on solder area, Ni50u" Min. under plating.
 - V15-Au15u" Min.plating on contact area, G/F plating on solder area, Ni50u" Min. under plating.
 - V30-Au30u" Min.plating on contact area, G/F plating on solder area, Ni50u" Min. under plating.
- ⑩ Color: E-Becky color
- ⑪ Packing: C-Carrier tape (with CAP)

Poles	Dimensions (mm)					Poles	Dimensions (mm)				
	A	B	C	D	E		A	B	C	D	E
3	5.00	2.00	4.20	3.45	4.00	6	8.00	5.00	5.20	6.45	6.50
4	6.00	3.00	5.20	4.45	4.00	12	14.00	11.00	7.00	12.45	6.50
5	7.00	4.00	5.20	5.45	4.00						

A

DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL
2024/04/13	A2	/	Updated version	Aump chua	Larry Yang
2022/10/24	A1	/	The 6Pin and 12Pin specifications are added	Alan	Yang meng

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.

PART NO.

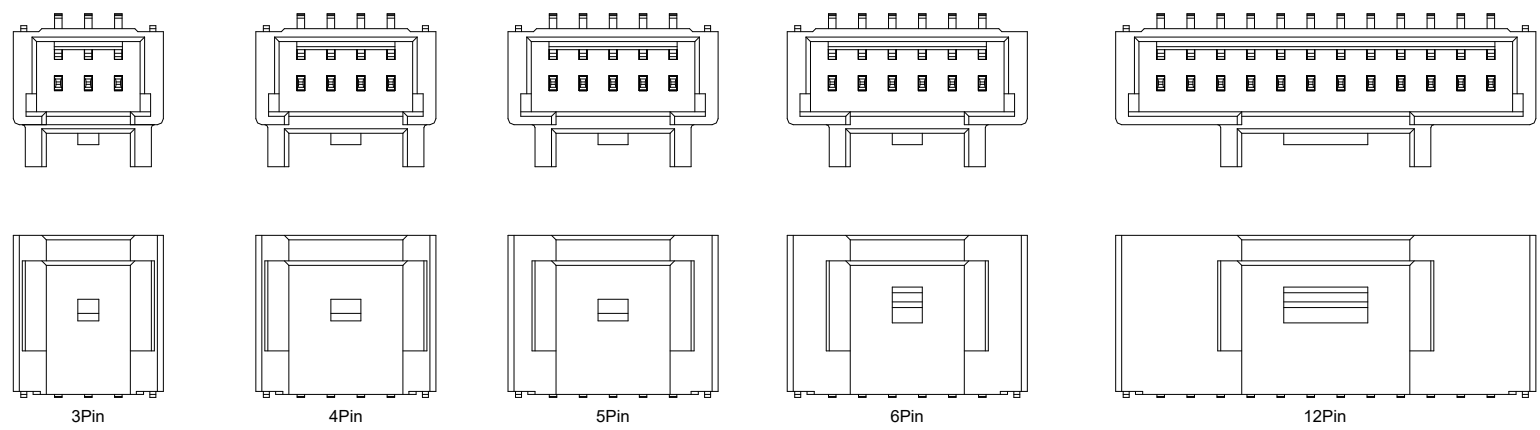
1004WVS-XXBHF-4TXXXEC

TITLE

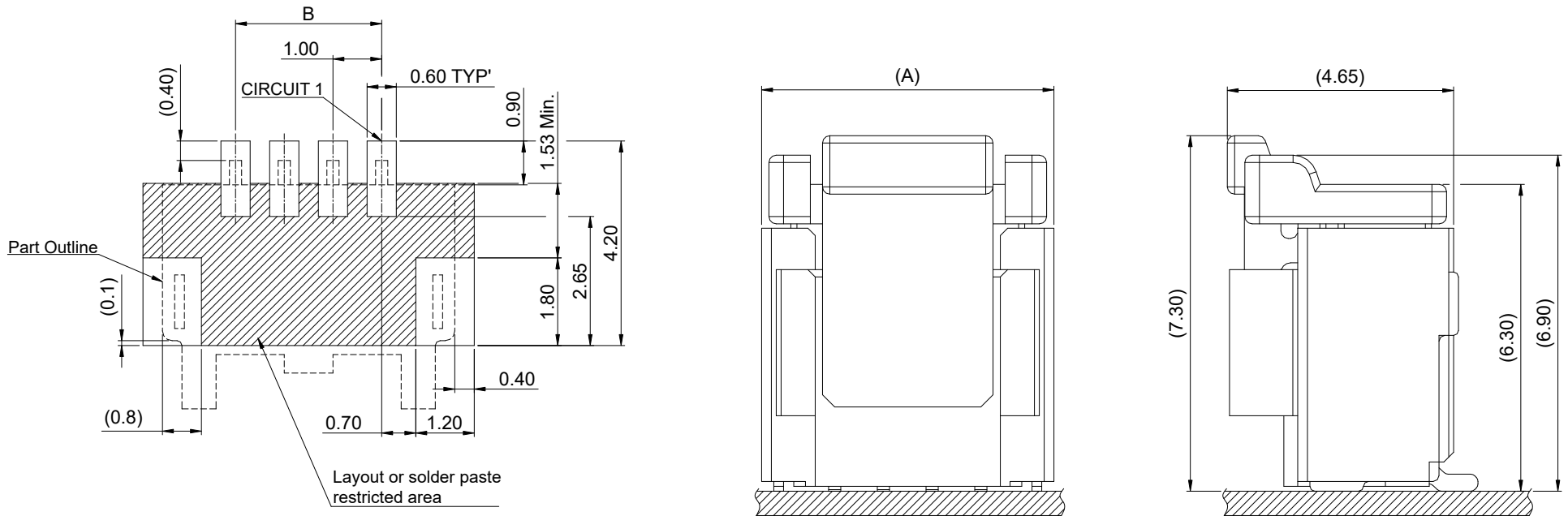
1.00mm Crimp Style Connectors

UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/2	A2	CD

APPROVAL	CHECK	DRAWN	DATE
Jack Zhang	Larry Yang	BIN	2021/04/02



SCALE 1:2



Recommended PCB Layout (General Tolerance:±0.05)

A						GENERAL TOLERANCE				SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				PART NO. 1004WVS-XXBHF-4TXXXEC					A											
						.X ±0.35								APPROVAL CHECK DRAWN DATE						TITLE 1.00mm Crimp Style Connectors										
						.XX ±0.25																								
						.XXX ±0.15																								
						X.° ±2°																								
						PROJECT				Jack Zhang				Larry Yang				BIN				2021/04/02				UNIT SCALE SHEET REV NUMBER				
																										mm 1:1 2/2 A2 CD				
2024/04/13		A2		/		Updated version				Aump chua		Larry Yang																		
2022/10/24		A1		/		The 6Pin and 12Pin specifications are added				Alan		Yang meng																		
DATE		REV		ECN NO		DESCRIPTION				MODIFY		APPROVAL																		
1				2		3				4		5		6		7								8						

RoHS

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

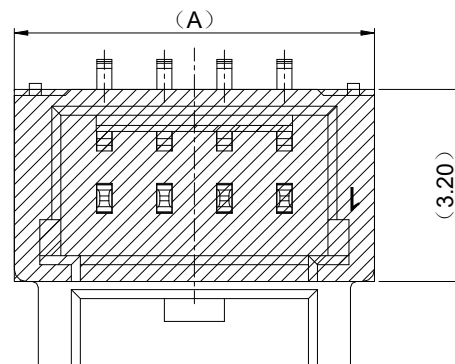
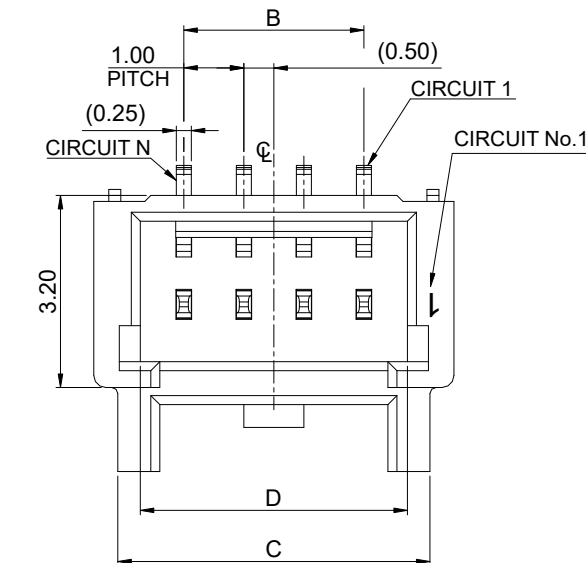
■ Specifications :

- Voltage rating: 100V AC / DC
- Current rating: 1A Max. AC / DC
- Withstanding voltage: 300V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance:≥100MΩ
- Contact resistance: ≤20mΩ
- After environmental testing: ≤40mΩ
- Material(Pin): Phosphor bronze
- Material(Nail) : Brass
- Mates With SESO Housing: 1004H
- Symbols for SPC dimensions:" ★ "

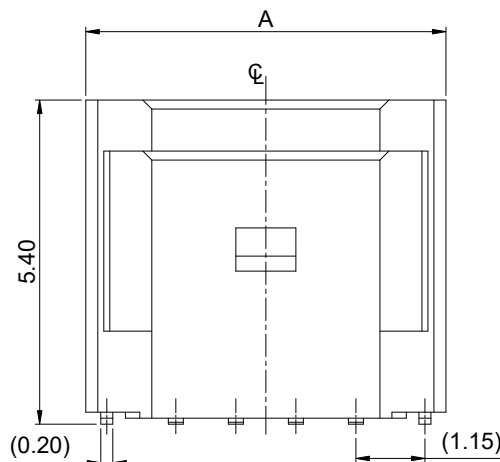
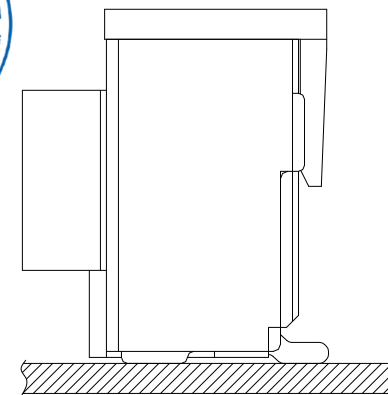
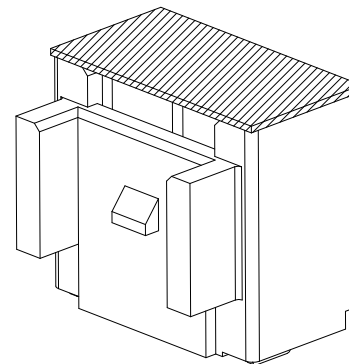
1004 W V S - XX B HF - 4T XXX E W
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪

- ① Series No.
② Category: W-wafer
③ Connector Type: V- 180°
④ Mounting Type: S-SMT
⑤ Row No.-Pin No: XX-02-15Pin
⑥ Special code: B-Outer Lock
⑦ HF-Halogen Free
⑧ Plastic material: 4T- PA4T UL94V-0
⑨ Plating Code:
SW1-Matte Tin plating 100u" Min. overall,
Ni50u" Min. under plating.
V01-G/F plating overall,Ni50u" Min. under plating.
V04-Au4u" Min.plating on contact area,
G/F plating on solder area,
Ni50u" Min. under plating.
V15-Au15u" Min.plating on contact area,
G/F plating on solder area,
Ni50u" Min. under plating.
V30-Au30u" Min.plating on contact area,
G/F plating on solder area,
Ni50u" Min. under plating.
⑩ Color: E-Becky color
⑪ Packing: W-Carrier tape (with Mylar)

Poles	Dimensions (mm)				Poles	Dimensions (mm)			
	A	B	C	D		A	B	C	D
3	5.00	2.00	4.20	3.45	6	8.00	5.00	5.20	6.45
4	6.00	3.00	5.20	4.45	12	14.00	11.00	7.00	12.45
5	7.00	4.00	5.20	5.45					



PICK AND PLACE AREA
WITH MYLAR



20240808	A0	/	Add mylar packaging specifications	Mark Chen	Jack Zhang
DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL

GENERAL TOLERANCE

.X ±0.35

.XX ±0.25

.XXX ±0.15

X.° ±2°

PROJECT

0.1 ★

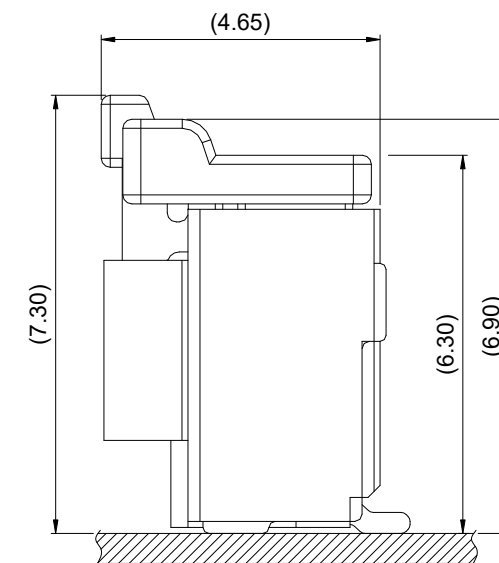
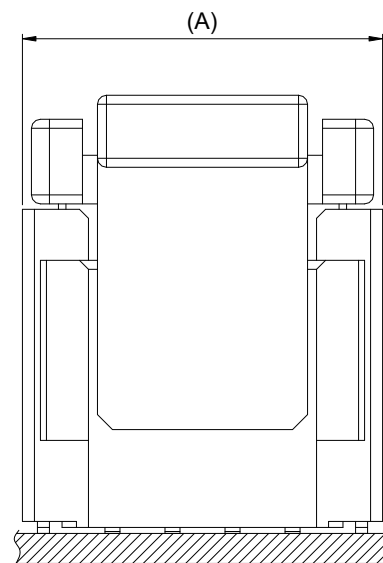
SMS 东莞市思索技术股份有限公司
Dongguan SESO Technology Co.,Ltd.

APPROVAL: Jack Zhang
CHECK: Larry Yang
DRAWN: BIN
DATE: 2021/04/02

PART NO. 1004WVS-XXBHF-4TXXXEW				
TITLE 1.00mm Crimp Style Connectors				
UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/2	A0	CD



SCALE 1:2



Recommended PCB Layout (General Tolerance:±0.05)

						GENERAL TOLERANCE	SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				PART NO. 1004WVS-XXBHF-4TXXEV				
						.X ±0.35					TITLE 1.00mm Crimp Style Connectors				
						.XX ±0.25									
						.XXX ±0.15									
20240808	A0	/	Add mylar packaging specifications	Mark Chen	Jack Zhang	X.° ±2°	APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL	PROJECT 	Jack Zhang	Larry Yang	BIN	2021/04/02	mm	1:1	2/2	A0	CD