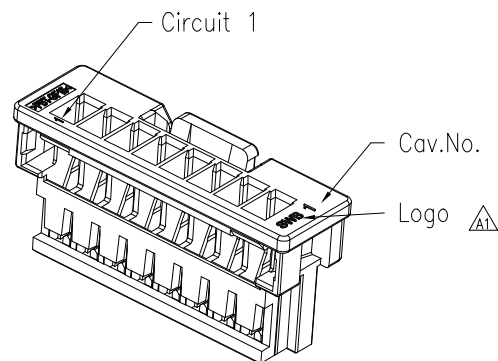
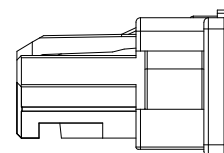
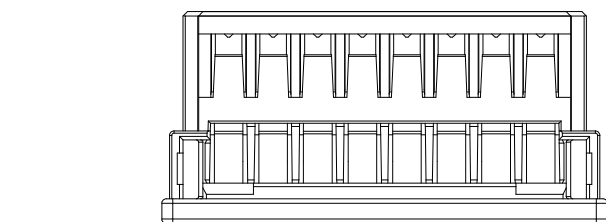


This products can apply to the SESO Doc NO. QA-3-04-005
of Environmental&Material Management Rules



- Voltage rating: 125V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 500V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance: $\geq 1000M\Omega$
- Contact resistance: $\leq 10m\Omega$
- After environmental testing: $\leq 20m\Omega$
- Suitable SESO Terminal: 2022T
- Suitable SESO Header: 2008W
- Symbols for Critical dimensions: " ★ "

2022 H - XX - PT XX
 (1) (2) (3) (4) (5)

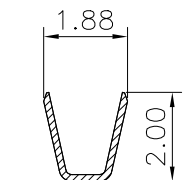
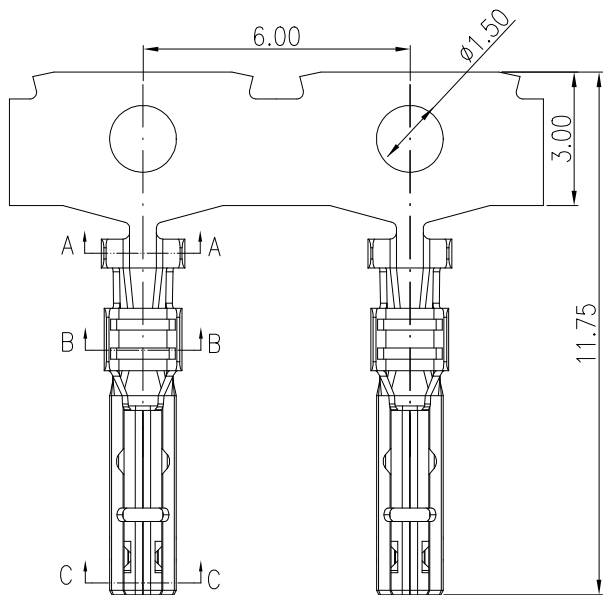
- ① Series No.
② Category: H-HOUSING
③ Row No.-Pin No: XX-02~15 Pin
④ Plastic material: PT- PBT+GF UL 94-V0
⑤ Color: BK-Black NC-Natural

Poles	Dimensions (mm)			
	A	B	C	D
02	8.00	3.30	2.00	4.70
03	10.00	3.50	4.00	6.70
04	12.00	5.50	6.00	8.70
05	14.00	5.50	8.00	10.70
06	16.00	5.50	10.00	12.70
07	18.00	5.50	12.00	14.70
08	20.00	5.50	14.00	16.70
09	22.00	5.50	16.00	18.70
10	24.00	5.50	18.00	20.70
11	26.00	5.50	20.00	22.70
12	28.00	5.50	22.00	24.70
13	30.00	5.50	24.00	26.70
14	32.00	5.50	26.00	28.70
15	34.00	5.50	28.00	30.70

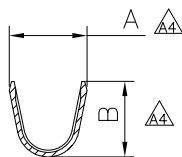
A						GENERAL TOLERANCE				SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				PART NO.											
														2022H-XX-PTXX											
	2022/05/23	A2	/	New colour of plastic	Wangcheng	Larry Yang	.X ±0.35				APPROVAL CHECK DRAWN DATE					TITLE 2.00mm Pitch WTB Conn. Housing									
						.XX ±0.25																			
						.XXX±0.15																			
2021/02/24	A1	ER120210224005	Increase the SWB LOGO	Xiaohu Jiang	Jinjiang yang	X.* ±2*																			
						PROJECT																			
	DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL					Jack Zhang				Larry Yang		Xiaohu Jiang		2019/11/09		UNIT	SCALE	SHEET	REV	NUMBER
																			mm	1:1	1/1	A2	CD		
	1		2	3	4		5		6		7		8												

RoHS

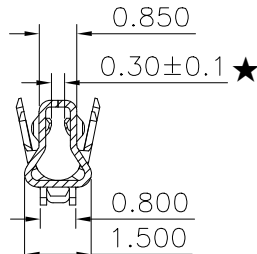
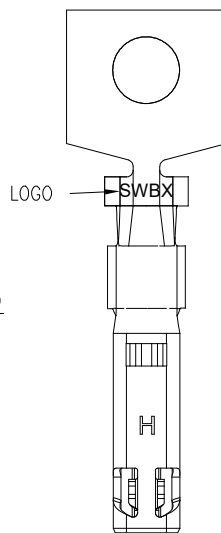
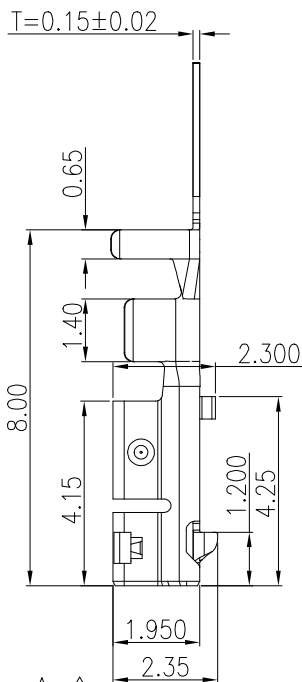
This products can apply to the SESO Doc NO. QA-3-04-005 of Environmental&Material Management Rules



SECTION: A-A



SECTION: B-B



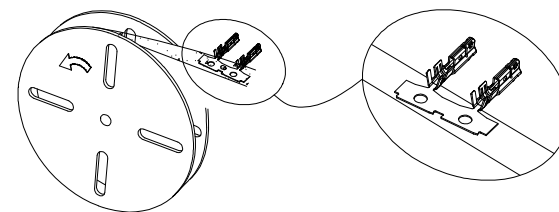
SECTION: C-C

■ Specification:

- Voltage rating: 125V AC / DC
- Current Rating: 3A AC/DC (0.35mm² Wire)
- Temperature range: -40°C~+125°C
- Contact Resistance: ≤10mΩ (Initial)
≤20mΩ (After Testing)
- Packaging Drawing: PK-2022TX-HY2B
- Product Specification: PS-2022-01
- Symbols for Critical dimensions: "★"

2022 I X - H Y2 B
① ② ③ ④ ⑤ ⑥

- ① Series No.: 2022
- ② Category: T - Terminal
- ③ Shape: Blank-Low Feet ; H-High Feet
- ④ Material: H-High Conductivity Copper
- ⑤ Plating Code: Y2-40~120u"(1~3um)Tin
- ⑥ Plating Process:
B-Stamping After Plating



After Plating



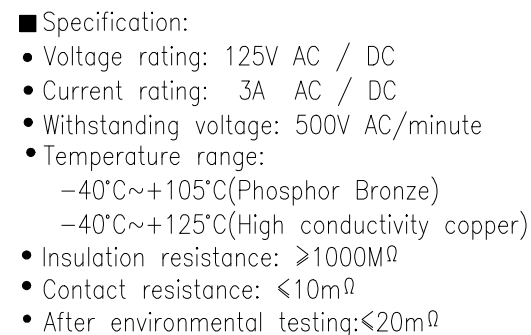
2022TH-HY2B	AWG#22 (0.35mm ²)	Ø1.5mm Max	1.75	1.70
2022T-HY2B	AWG#24~26 (0.22~0.13mm ²)	Ø1.4mm Max	1.25	1.35
P/N	Wire Range	Insulation O.D.	Dim A	Dim B

2024/12/12	A4	ER20241101001	2022TH The drawing cancels the size tolerance adjustment of crimping 0.22mm ² wire and wire core rivet foot	Jiny Zhong	Jack Zhang
2023/02/15	A3	ER20230215002	2022TH Change the Wire Range	Wangcheng	Larry Yang
2021/02/24	A2	ER20210224006	New SWB logo	Xiaohu Jiang	Jinjiang Yang
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL

GENERAL TOLERANCE
.X ±0.30
.XX ±0.20
.XXX ±0.10
X." ±Z"
PROJECT

SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co., Ltd.			
APPROVAL	CHECK	DRAWN	DATE
Jason Huang	Larry Yang	Xiaohu Jiang	2019/11/09

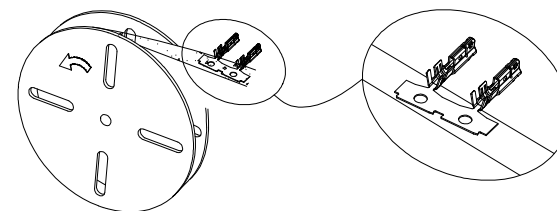
PART NO. 2022TX-HY2B				
TITLE 2.00mm Pitch WTB Conn. Terminal				
UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	A4	CD



Material mark
H—High conductivity copper
Blank(no mark)—Phosphor bronze

$$\frac{2022}{(1)} \frac{T}{(2)} \frac{X}{(3)} - \frac{X}{(4)} \frac{SN1}{(5)}$$

- ① Series Number: 2022
- ② Category: T – Terminal
- ③ Shape: Blank–Low Feet ; H–High Feet
- ④ Material: H–High conductivity copper
P–Phosphor Bronze
- ⑤ Plating code:
SN1–40~120u”(1~3um)Ni,
80~200u”(2~5um)Tin



After Plating

SECTION: A-A

SECTION: B-B

SECTION: C-C

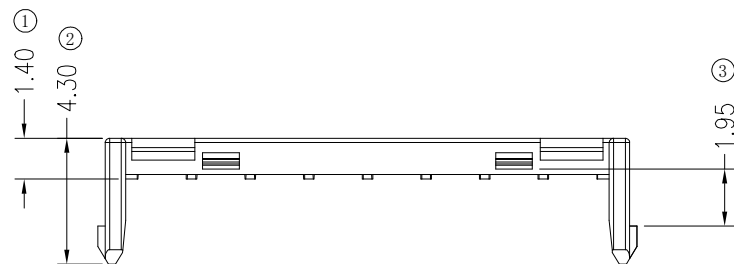
2022TH-XSN1	AWG#22 (0.35mm ²) 	ø1.5mm Max	2022H	 1.75	 1.70
2022T-XSN1	AWG#24~26 (0.22~0.13mm ²)	ø1.4mm Max		1.25	1.35
P/N	Wire Range	Insulation O.D.	Suitable SESO Housing	Dim A	Dim B



2024/12/12	A4	ER20241101001	2022TH The drawing cancels the size tolerance adjustment of crimping 0.22mm* wire and wire core rivet foot	Jiny Zhong	Jack Zhang	GENERAL TOLERANCE .X ±0.30 SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.								PART NO. 2022TX-XSN1				
2023/02/15	A3	ER20230215002	2022TH Change the Wire Range	Wangcheng	Larry Yang									TITLE 2.00mm Pitch WTB Conn. Terminal				
2021/02/24	A2	ER120210224006	New SWB logo	Xiaohu Jiang	Jinjiang Yang													
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	APPROVAL		CHECK	DRAWN	DATE								
						Kim Huang		Harvey Yan	Xiaohu Jiang	2019/11/09	UNIT	SCALE	SHEET	REV	NUMBER			
											mm	1:1	1/1	A4	CD			

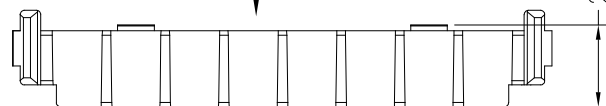
RoHS

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



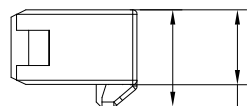
2-8P Shape

A View.



9-15P Shape

A View



■ Specifications :

The surface of the product should not shrink, scratch, lack of glue, bubble, Wiredrawing, indentation, different color, oil, wearing edge, top white, Bad appearance such as streaks

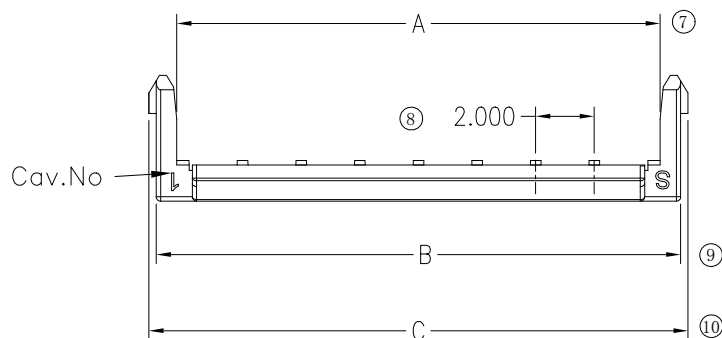
- Suitable SESO Housing:2022H

C2022-XX -4T NC
① ② ③ ④

- ① Series No.
- ② Row No.-Pin No: XX-02~15Pin
- ③ Plastic material: 4T- PA4T+GF
- ④ Color: NC-Natural Color



Poles	Dimensions (mm)			Poles	Dimensions (mm)		
	A	B	C		A	B	C
02	5.10	6.70	7.10	09	18.50	19.90	20.40
03	6.40	8.00	8.40	10	20.50	21.90	22.40
04	8.40	10.00	10.40	11	22.50	23.90	24.40
05	10.50	11.90	12.40	12	24.50	25.90	26.40
06	12.50	13.90	14.40	13	26.50	27.90	28.40
07	14.50	15.90	16.40	14	28.50	29.90	30.40
08	16.50	17.90	18.40	15	30.50	31.90	32.40

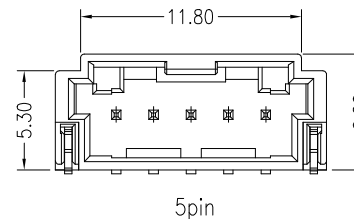
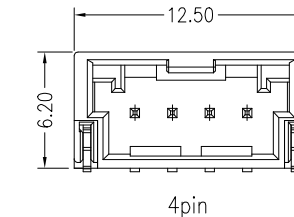
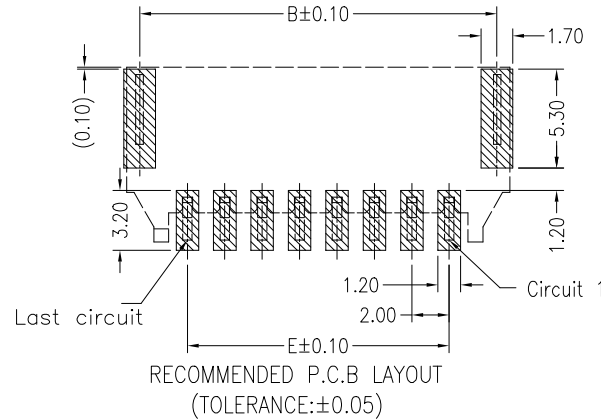
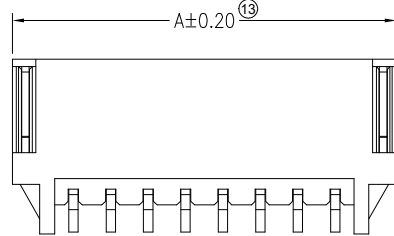
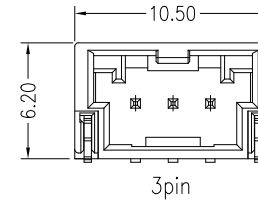
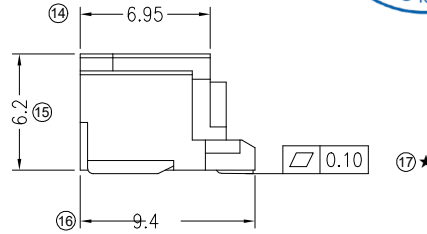
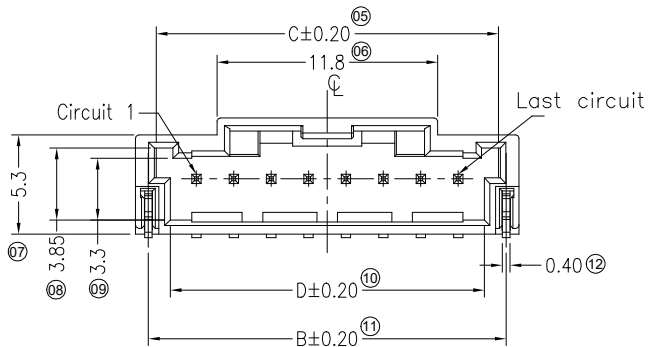
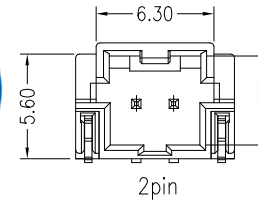
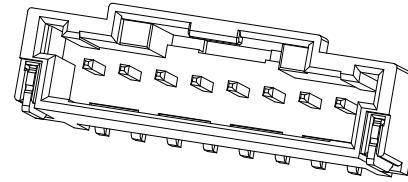
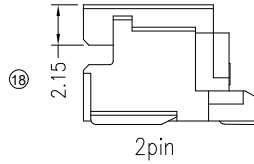
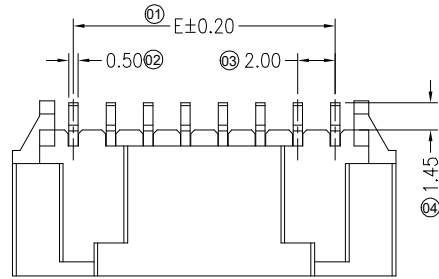


A

						GENERAL TOLERANCE				SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.		PART NO. C2022-XX-4TNC								
						.X	±0.35					TITLE 2.00mm Pitch WTB Conn. TPA								
2023/08/28	A2	/	Update Drawing Frame	Zhou Jiasheng	Larry Yang	.XX	±0.25													
						.XXX	±0.15													
2021/03/19	A1	ER120210319001	9~15pin add card point	Xiaohu Jiang	Jinjiang yang	X.*	±Z"													
						PROJECT					APPROVAL	CHECK	DRAWN	DATE		UNIT SCALE SHEET REV NUMBER				
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL			Jack Zhang	Larry Yang	Xiaohu Jiang	2019/11/09		mm	1:1	1/1	A2	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



- Specifications :
- Voltage rating: 125V AC / DC
 - Current rating: 3A AC / DC
 - Withstanding voltage: 500V AC/minute
 - Temperature range: -40°C~+125°C
 - Insulation resistance:>1000M Ω
 - Contact resistance: <10m Ω
 - After environmental testing: <20m Ω
 - Material(Pin): Brass
 - Symbols for Critical dimensions: "★"

2008 W R S - 1 x XX - XX X B 05 R R XXX Q
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬

- ① Series No.
② Category: W-wafer
③ Connector Type: R-Right Angle 90°
④ Mounting Type: S-SMT
⑤ Row No.-Pin No Per Row: 1xXX-Single Row 1xXXPin
⑥ Plastic material: 9T- PA9T UL94V-0; LP- LCP UL94V-0
⑦ Color: N-Natural; B-Black; R-Red; L-Blue
⑧ Metal material: B-Brass
⑨ Plating Code: 05-Matte Tin
30-Contact Area: Gold flash
Solder Area: Matte Tin
⑩ Packing: R-Reel
⑪ RoHS/HF: H-Halogen-Free R-Rohs
⑫ Sequence Number: 002-Coldsealing ; 02C-Heatsealing
⑬ Special code: Q-Automotive Connectors

Poles	Dimensions (mm)				
	A	B	C	D	E
02	8.50	7.13	6.30	4.80	2.00
03	10.50	9.13	8.30	6.80	4.00
04	12.50	11.13	10.30	8.80	6.00
05	14.50	13.13	12.30	10.80	8.00
06	16.50	15.13	14.30	12.80	10.00
07	18.50	17.13	16.30	14.80	12.00
08	20.50	19.13	18.30	16.80	14.00
09	22.50	21.13	20.30	18.80	16.00
10	24.50	23.13	22.30	20.80	18.00
11	26.50	25.13	24.30	22.80	20.00
12	28.50	27.13	26.30	24.80	22.00
13	30.50	29.13	28.30	26.80	24.00
14	32.50	31.13	30.30	28.80	26.00
15	34.50	33.13	32.30	30.80	28.00

A

DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL
2022/10/06	E1	EN20211216001	Added contact area gold plated G/F specification	Xue	Larry
2021/12/16	E		Modify the first pin label	Xue	Larry

GENERAL TOLERANCE

.X ± 0.30

.XX ± 0.20

.XXX ± 0.10

X.' $\pm 2^{\circ}$

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

Alan qin

2018/10/16

PART NO.

2008WRS-1xXX-XXXB05RRXXXQ

TITLE

Pitch 2.00 mm 90° SMT Wafer Connectors

UNIT

SCALE

SHEET

REV

NUMBER

mm

1:1

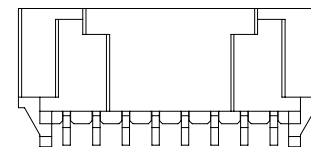
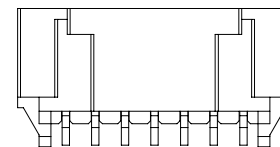
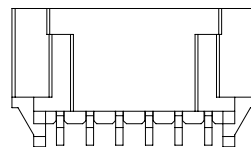
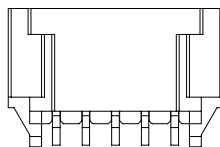
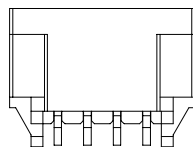
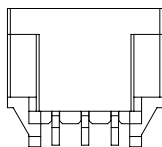
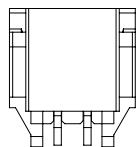
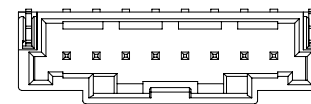
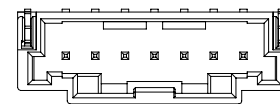
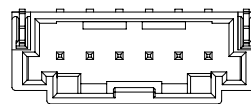
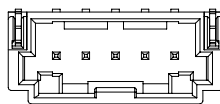
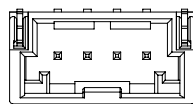
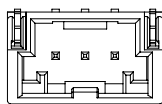
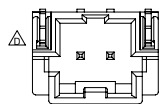
1/2

E1

CD

RoHS

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



2pin

3pin

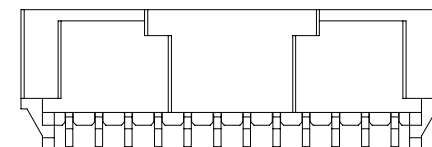
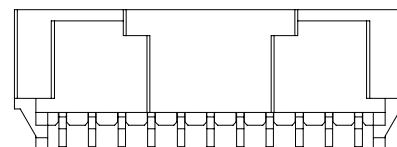
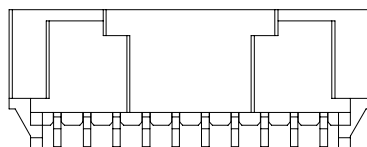
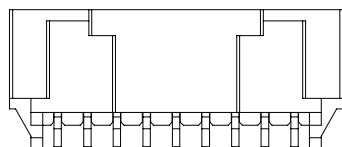
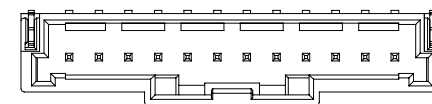
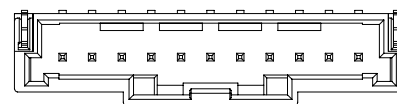
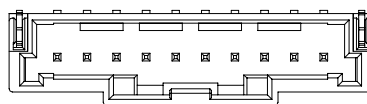
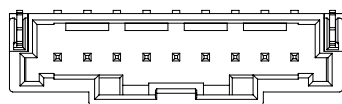
4pin

5pin

6pin

7pin

8pin

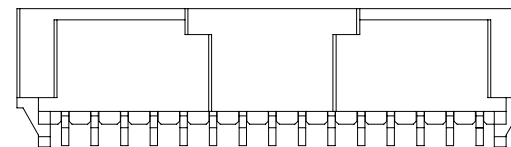
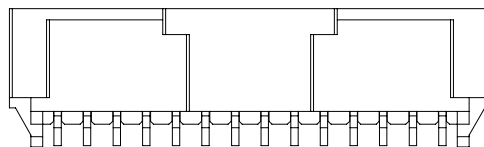
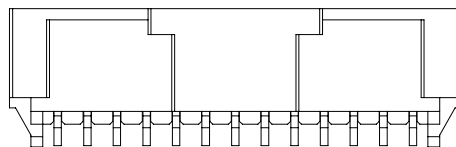
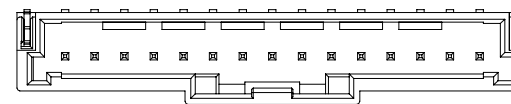
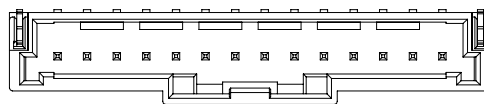
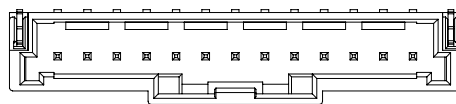


9pin

10pin

11pin

12pin



13pin

14pin

15pin



						GENERAL TOLERANCE		PART NO.			
2022/10/06		E1		Added contact area gold plated G/F specification		.X ±0.30		2008WRS-1xXX-XXXB05RRXXXQ			
2021/12/16		E		EN20211216001		.XX ±0.20		TITLE			
				Modify the first pin label		.XXX±0.10		Pitch 2.00 mm 90° SMT Wafer Connectors			
DATE		REV		ECN NO.		X.' ±2"		APPROVAL	CHECK	DRAWN	DATE
				DESCRIPTION		PROJECT		Robing	Joshua	Alan qin	2018/10/16
				MODIFY		APPROVAL					
								UNIT	SCALE	SHEET	REV
								mm	1:1	2/2	E1
								NUMBER			
								CD			

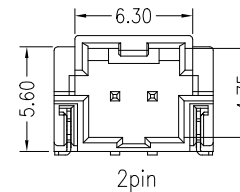
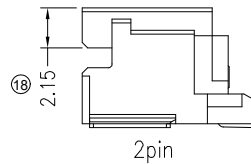
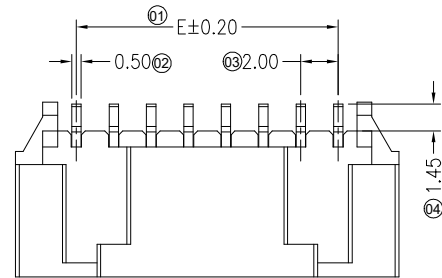
RoHS

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



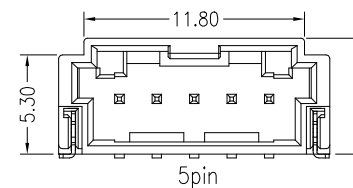
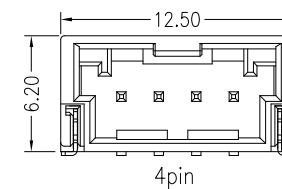
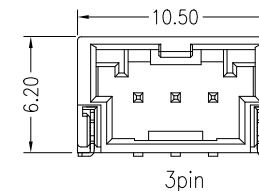
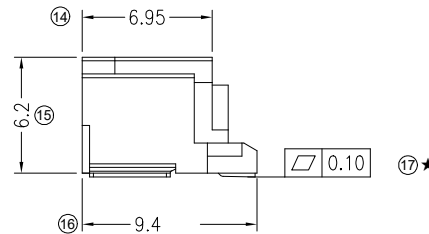
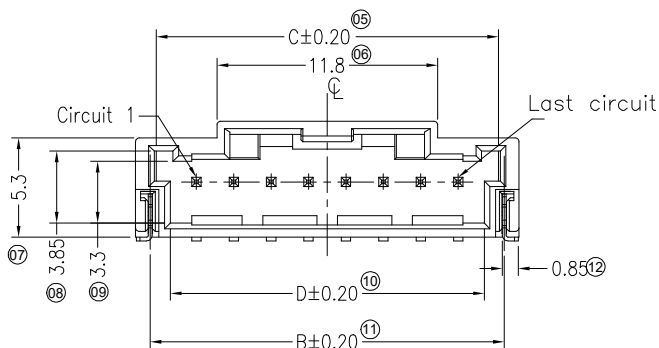
■ Specifications :

- Voltage rating: 125V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 500V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance: >1000M Ω
- Contact resistance: <10m Ω
- After environmental testing: <20m Ω
- Material(Pin): Brass
- Symbols for Critical dimensions: "★"

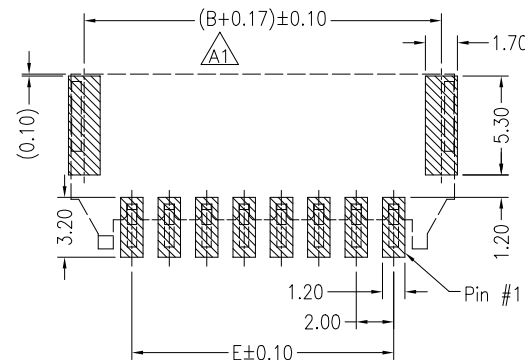
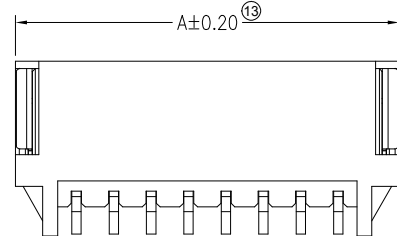


2008 W R S - XX - XX XXX X XX
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- ① Series No.
② Category: W-wafer
③ Connector Type: R-Right Angle 90°
④ Mounting Type: S-SMT
⑤ Row No.-Pin No Per Row: XX-Single Row XXPin
⑥ Plastic material: 9T- PA9T UL94V-0; LP- LCP UL94V-0
⑦ Plating Code: SW1-Matte Tin
GW01-Contact Area: Gold flash
Solder Area: Matte Tin
⑧ Color: N-Natural; B-Black; R-Red; L-Blue
⑨ Packing: R- Reel<Heatsealing> R1- Reel<Coldsealing>



Poles	Dimensions (mm)				
	A	B	C	D	E
02	8.50	6.93	6.30	4.80	2.00
03	10.50	8.93	8.30	6.80	4.00
04	12.50	10.93	10.30	8.80	6.00
05	14.50	12.93	12.30	10.80	8.00
06	16.50	14.93	14.30	12.80	10.00
07	18.50	16.93	16.30	14.80	12.00
08	20.50	18.93	18.30	16.80	14.00
09	22.50	20.93	20.30	18.80	16.00
10	24.50	22.93	22.30	20.80	18.00
11	26.50	24.93	24.30	22.80	20.00
12	28.50	26.93	26.30	24.80	22.00
13	30.50	28.93	28.30	26.80	24.00
14	32.50	30.93	30.30	28.80	26.00
15	34.50	32.93	32.30	30.80	28.00
16	36.50	34.93	34.30	32.80	30.00



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

A

DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	GENERAL TOLERANCE				DWG NO.			
						.X	±0.35	.XX	±0.25	.XXX	±0.15	.X'	±2"
2023.12.16	A2	/	Added 16Pin	Jason Zhou	Larry Yang	PROJECT				APPROVAL			
2023.11.30	A1	EN20231130003	Changed the dimensions of the layout positioning pad	Jason Zhou	Larry Yang								
						PROJECT				DATE			
						Jack Zhang				2022.10.14			
						CHECK				DRAWN			
						Larry Yang				Xue			
						TITLE				Pitch 2.00 mm 90° SMT Wafer Connectors			
						UNIT				SCALE			
						mm				1:1			
						SHEET				1/2			
						REV				A2			
						NUMBER				CD			

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

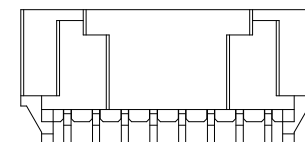
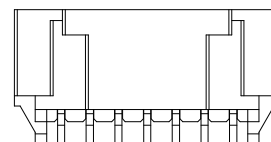
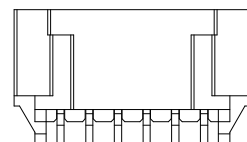
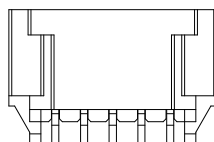
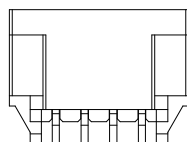
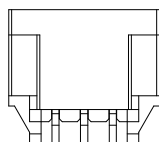
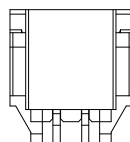
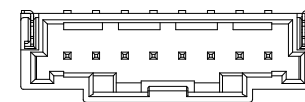
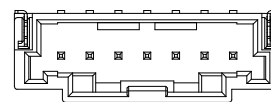
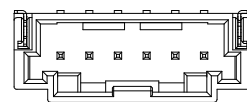
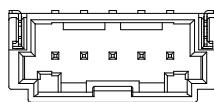
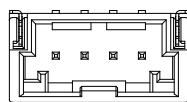
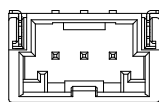
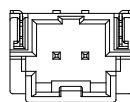
DWG NO.
2008WRS-XX-XXXXXXX

TITLE
Pitch 2.00 mm 90° SMT
Wafer Connectors

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

RoHS

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



2pin

3pin

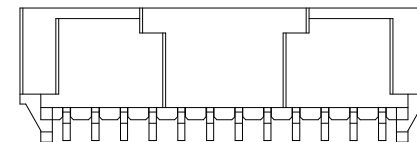
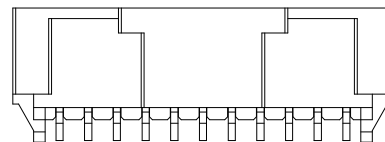
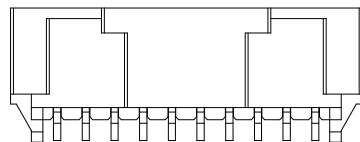
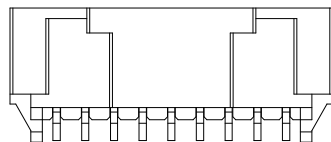
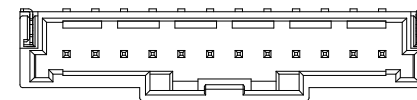
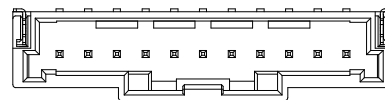
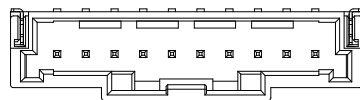
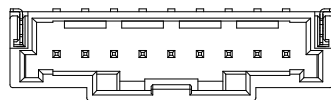
4pin

5pin

6pin

7pin

8pin

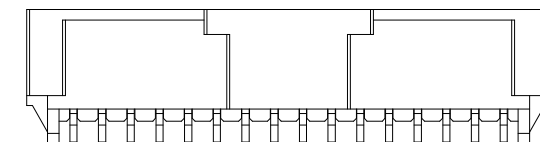
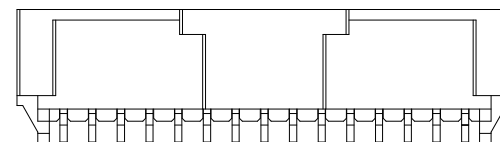
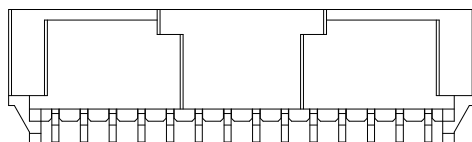
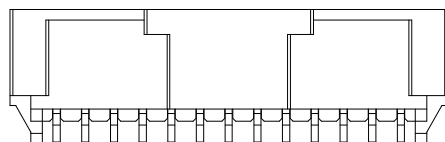
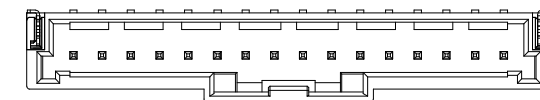
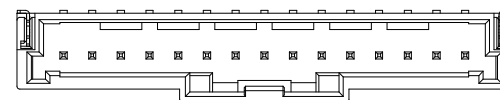
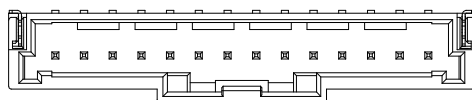
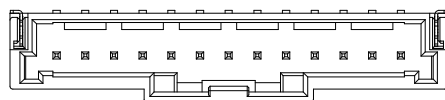


9pin

10pin

11pin

12pin



13pin

14pin

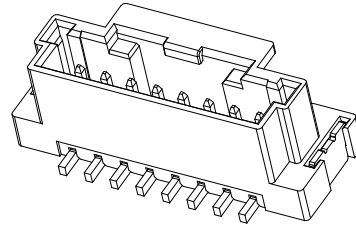
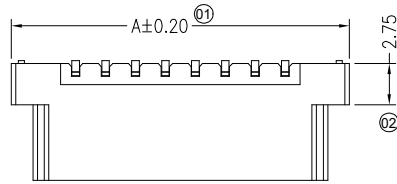
15pin

16pin

						GENERAL TOLERANCE		SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				DWG NO.				
						.X ±0.35						2008WRS-XX-XXXXXXXXX				
2023.12.16	A2	/	Added 16Pin 	Joestar Zhou	Larry Yang	.XX ±0.25						TITLE Pitch 2.00 mm 90° SMT Wafer Connectors				
2023.11.30	A1	EN20231130003	Changed the dimensions of the layout positioning pad 	Jason Zhou	Larry Yang	.XXX±0.15										
						X.* ±2"		APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT 		Jack Zhang	Larry Yang	Xue	2022.10.14	mm	1:1	2/2	A2	CD

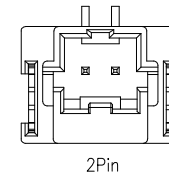
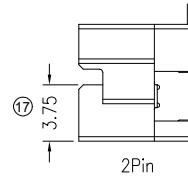
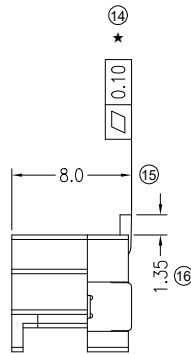
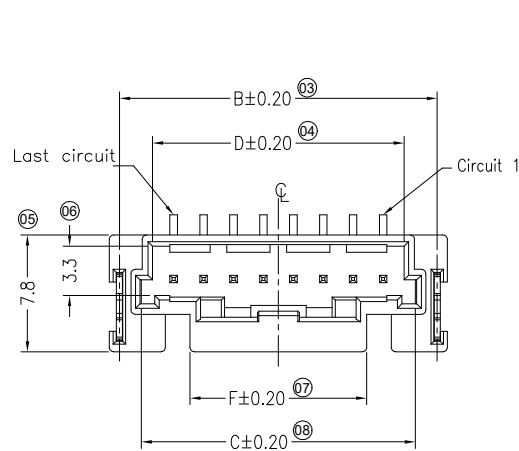
RoHS

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

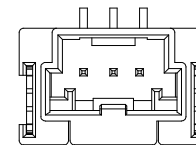


■ Specifications :

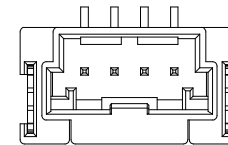
- Voltage rating: 125V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 500V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance: >1000MΩ
- Contact resistance: <10mΩ
- After environmental testing: <20mΩ
- Material(Pin): Brass
- Symbols for Critical dimensions: "★"



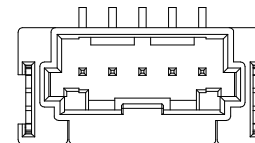
2Pin



3Pin



4Pin



5Pin

2008 W V S - 1 x XX - XX X B XX X R XXX Q
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬

① Series No.

② Category: W-wafer

③ Connector Type: V-Straight 180°

④ Mounting Type: S-SMT

⑤ Row No.-Pin No: 1xXX-Single Row 1xXXPin

⑥ Plastic material: 9T- PA9T 94V-0; LP- LCP 94V-0

⑦ Color: N-Natural; B-Black; R-Red; L-Blue

⑧ Metal material: B-Brass

⑨ Plating Code: 05-Matte Tin

30-Contact Area: Gold flash

Solder Area: Matte Tin

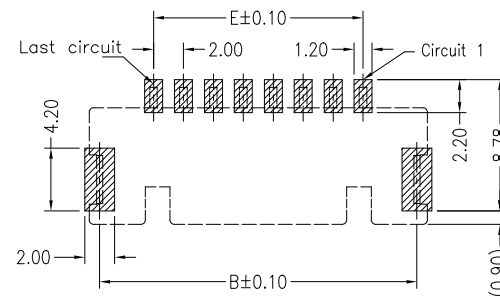
⑩ Packing: R-Reel ,Without Mylar

⑪ RoHS/HF: R-RoHS H-Halogen-Free

⑫ Sequence Number: 002-Coldsealing ; 02C-Heatsealing

⑬ Special code :Q-Automotive Connectors

Poles	Dimensions (mm)					
	A	B	C	D	E	F
02	10.60	9.23	6.30	4.80	2.00	6.30
03	12.60	11.23	8.30	6.80	4.00	5.80
04	14.60	13.23	10.30	8.80	6.00	7.80
05	16.60	15.23	12.30	10.80	8.00	9.80
06	18.60	17.23	14.30	12.80	10.00	11.80
07	20.60	19.23	16.30	14.80	12.00	11.80
08	22.60	21.23	18.30	16.80	14.00	11.80
09	24.60	23.23	20.30	18.80	16.00	11.80
10	26.60	25.23	22.30	20.80	18.00	11.80
11	28.60	27.23	24.30	22.80	20.00	11.80
12	30.60	29.23	26.30	24.80	22.00	11.80
13	32.60	31.23	28.30	26.80	24.00	11.80
14	34.60	33.23	30.30	28.80	26.00	11.80
15	36.60	35.23	32.30	30.80	28.00	11.80

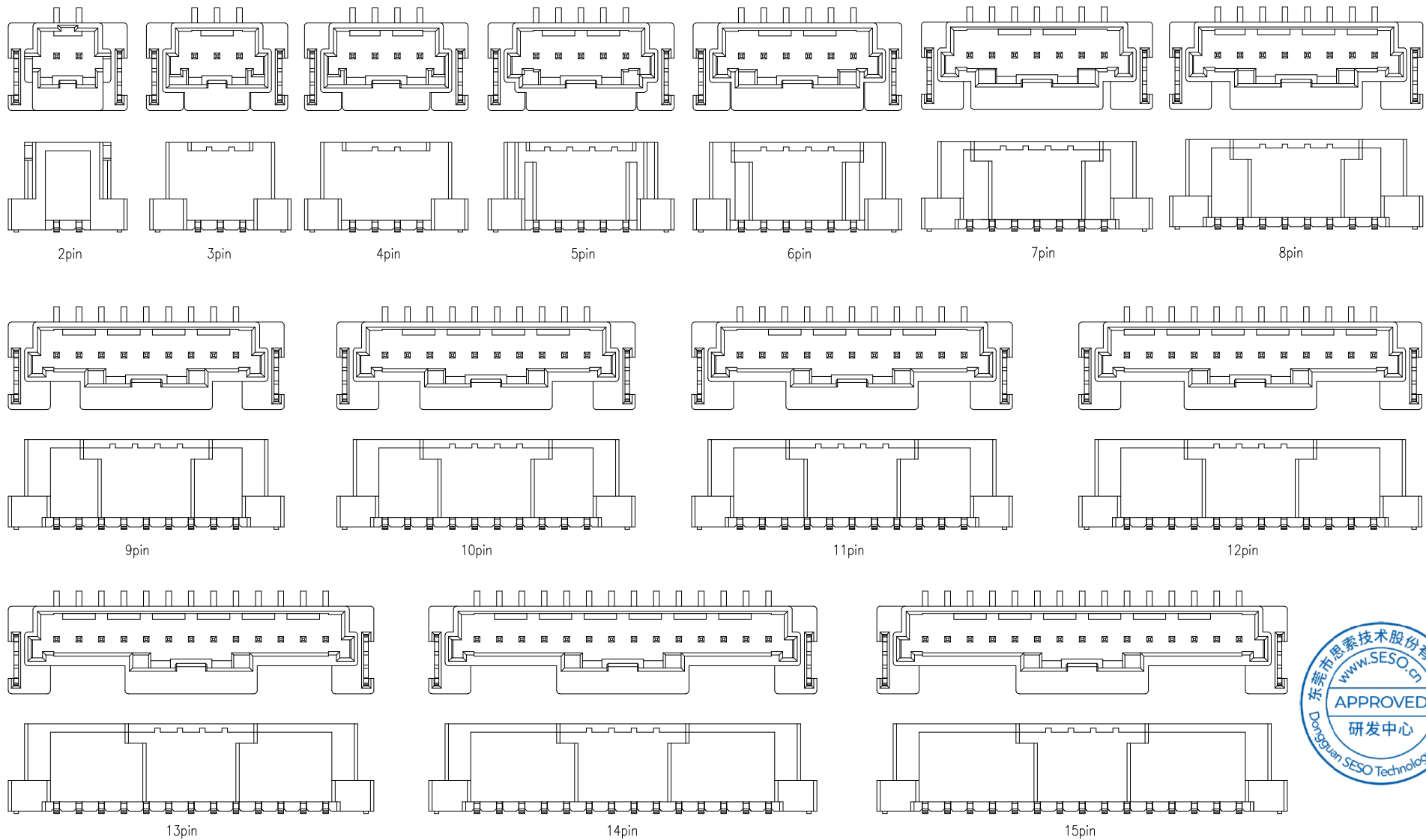


RECOMMENDED P.C.B LAYOUT
(TOLERANCE:±0.05)

A

						GENERAL TOLERANCE				SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				PART NO. 2008WVS-1xXX-XXXBXXRRXXXQ				
						.X ±0.30								TITLE Pitch 2.00 mm 180° SMT Wafer Connectors				
						.XX ±0.20												
						.XXX±0.10												
2021/12/16	D	EN20211216001	Modify the first pin label	Xue	Robing	X.* ±2°				APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
2020/03/16	C	ER20190805001	Update Drawing Frame, The Same ECR And ECN No	Alan qin	Robing	PROJECT				Jack Zhang	Larry Yang	Alan qin	2019/01/16	mm	1:1	1/2	D	CD
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL													

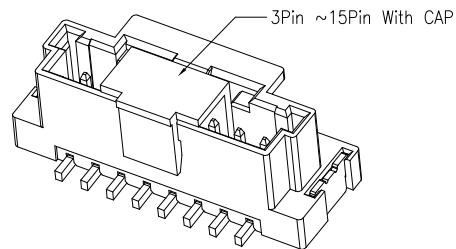
RoHS

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

A						GENERAL TOLERANCE	SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				PART NO. 2008WVS-1xXX-XXXBXXRRXXXXQ			
	2021/12/16	D	EN20211216001	Modify the first pin label	Xue	Robing					TITLE			
	2020/03/16	C	ER20190805001	Update Drawing Frame, The Same ECR And ECN No	Alan qin	Robing					Pitch 2.00 mm 180° SMT Wafer Connectors			
	DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL					UNIT	SCALE	SHEET	REV
											mm	1:1	2/2	0
	1	2	3	4	5	6	7	8						

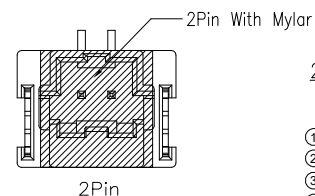
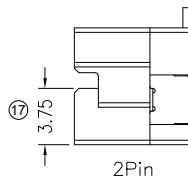
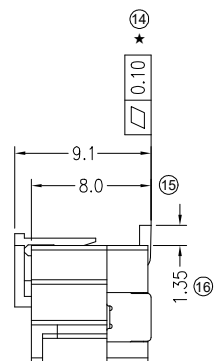
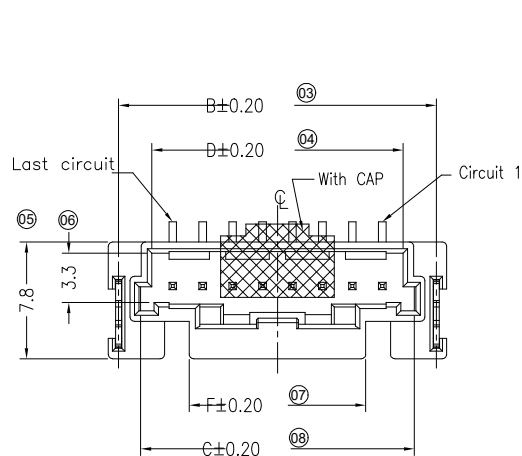
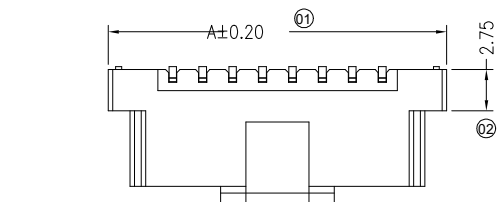
RoHS

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



Specifications :

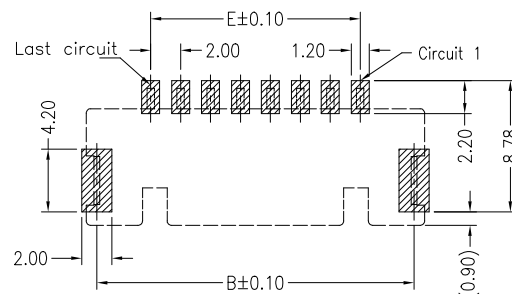
- Voltage rating: 125V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 500V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance: >1000M Ω
- Contact resistance: <10m Ω
- After environmental testing: <20m Ω
- Material(Pin): Brass
- Symbols for Critical dimensions: "★"



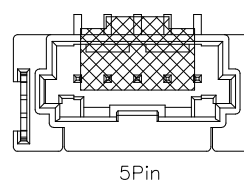
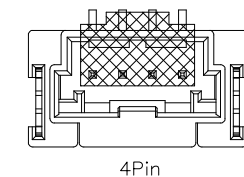
2008 WVS - 1 x XX - XX X B 05 X R XXX Q
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬

- ① Series No.
② Category: W-wafer
③ Connector Type: V-Straight 180°
④ Mounting Type: S-SMT
⑤ Row No.-Pin No Per Row: 1xXX-Single Row 1xXXPin
⑥ Plastic material: 9T- PA9T 94V-0; LP- LCP 94V-0
⑦ Color: N-Natural; B-Black; R-Red; L-Blue
⑧ Metal material: B-Brass
⑨ Plating Code: 05-Matte Tin
⑩ Packing: W-Reel ,With Mylar
C-Reel , With CAP
⑪ RoHS/HF: R-RoHS H-Halogen-Free
⑫ Sequence Number: 002-Coldsealing ; 02C-Heatsealing
⑬ Special code :Q-Automotive Connectors

Poles	Dimensions (mm)					
	A	B	C	D	E	F
02	10.60	9.23	6.30	4.80	2.00	6.30
03	12.60	11.23	8.30	6.80	4.00	5.80
04	14.60	13.23	10.30	8.80	6.00	7.80
05	16.60	15.23	12.30	10.80	8.00	9.80
06	18.60	17.23	14.30	12.80	10.00	11.80
07	20.60	19.23	16.30	14.80	12.00	11.80
08	22.60	21.23	18.30	16.80	14.00	11.80
09	24.60	23.23	20.30	18.80	16.00	11.80
10	26.60	25.23	22.30	20.80	18.00	11.80
11	28.60	27.23	24.30	22.80	20.00	11.80
12	30.60	29.23	26.30	24.80	22.00	11.80
13	32.60	31.23	28.30	26.80	24.00	11.80
14	34.60	33.23	30.30	28.80	26.00	11.80
15	36.60	35.23	32.30	30.80	28.00	11.80



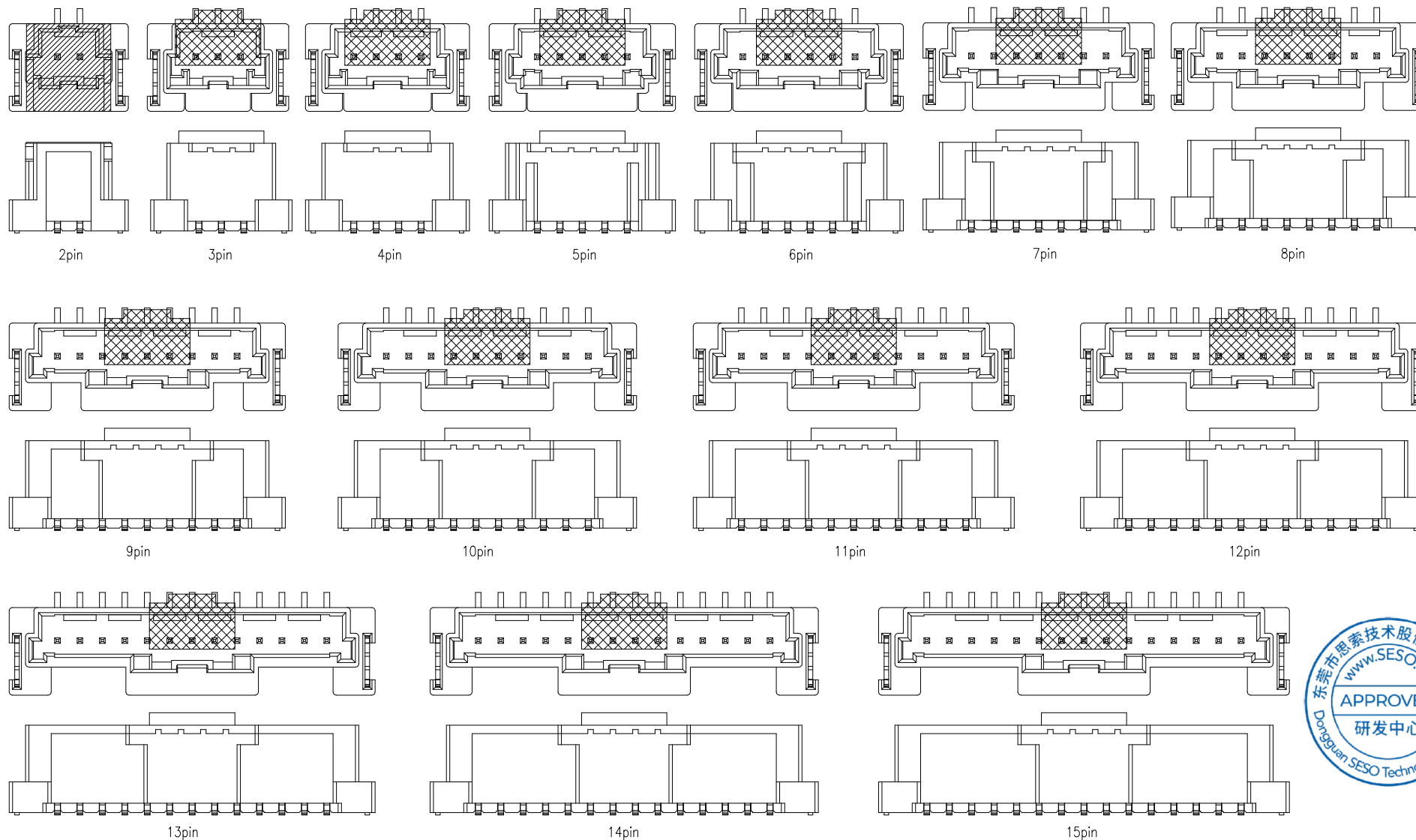
RECOMMENDED P.C.B LAYOUT
(TOLERANCE:±0.05)



DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	GENERAL TOLERANCE				PART NO.			
						.X ±0.30	.XX ±0.20	.XXX±0.10	X' ±2°	2008WVS-1xXX-XXXB05XX0XXQ			
2021/12/16	F	EN20211216001	Modify the first pin label	Xue	Robing	PROJECT				TITLE			
2020/03/16	E	ER20190805001	Update Drawing Frame, The Same ECR And ECN No	Alan qin	Robing								
						APPROVAL				Pitch 2.00 mm 180° SMT Wafer Connectors			
						CHECK				UNIT			
						DRAWN				SCALE			
						DATE				SHEET			
						2019/01/16				REV			
						Jack Zhang				NUMBER			
						Larry Yang				mm			
						Alan qin				1:1			
										1/2			
										F			
										CD			

RoHS

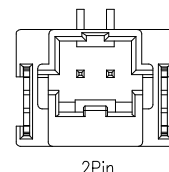
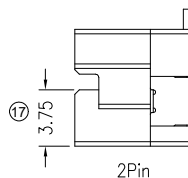
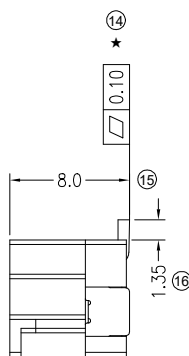
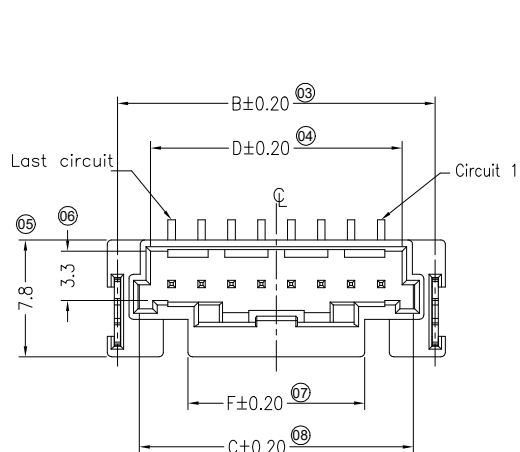
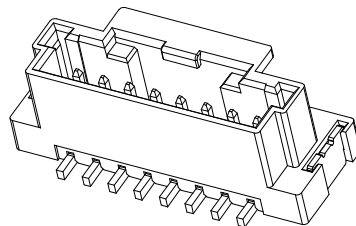
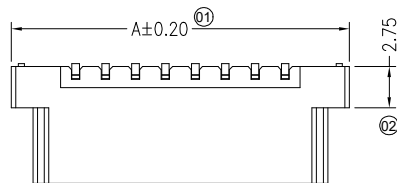
This products can apply to the SESO Doc NO. QA-3-04-005
of Environmental&Material Management Rules



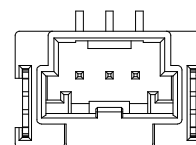
A						GENERAL TOLERANCE		SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				PART NO.				
						.X ±0.30	2008WVS-1xXX-XXXB05XX0XXQ									
						.XX ±0.20										
						.XXX±0.10										
	2021/12/16	F	EN20211216001	Modify the first pin label	Xue	Robing	X.* ±2°	APPROVAL	CHECK	DRAWN	DATE	TITLE				
2020/03/16	E	ER20190805001	Update Drawing Frame, The Same ECR And ECN No	Alan qin	Robing	PROJECT					Pitch 2.00 mm 180° SMT Wafer Connectors					
	DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL		Jack Zhang	Larry Yang	Alan qin	2019/01/16	UNIT	SCALE	SHEET	REV	NUMBER
												mm	1:1	2/2	F	CD
	1		2	3	4		5	6		7					8	

RoHS

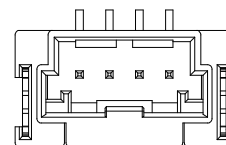
This products can apply to the SESO Doc NO. QA-3-04-005
of Environmental&Material Management Rules



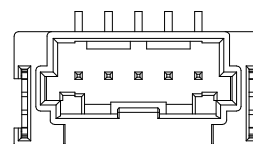
2Pin



3Pin



4Pin



5Pin

■ Specifications :

- Voltage rating: 125V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 500V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance: >1000MΩ
- Contact resistance: <10mΩ
- After environmental testing: <20mΩ
- Material(Pin): Brass
- Symbols for Critical dimensions: " ★ "

2008 W V S - 1 x XX - XX X B XX X R XXX Q
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬

① Series No.

② Category: W-wafer

③ Connector Type: V-Straight 180°

④ Mounting Type: S-SMT

⑤ Row No.-Pin No: 1xXX-Single Row 1xXXPin

⑥ Plastic material: 9T- PA9T 94V-0; LP- LCP 94V-0

⑦ Color: N-Natural; B-Black; R-Red; L-Blue

⑧ Metal material: B-Brass

⑨ Plating Code: 05-Matte Tin

30-Contact Area: Gold flash

Solder Area: Matte Tin

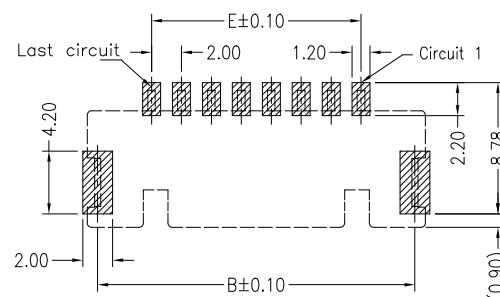
⑩ Packing: R-Reel ,Without Mylar

⑪ RoHS/HF: R-RoHS H-Halogen-Free

⑫ Sequence Number: 002-Coldsealing ; 02C-Heatsealing

⑬ Special code :Q-Automotive Connectors

Poles	Dimensions (mm)					
	A	B	C	D	E	F
02	10.60	9.23	6.30	4.80	2.00	6.30
03	12.60	11.23	8.30	6.80	4.00	5.80
04	14.60	13.23	10.30	8.80	6.00	7.80
05	16.60	15.23	12.30	10.80	8.00	9.80
06	18.60	17.23	14.30	12.80	10.00	11.80
07	20.60	19.23	16.30	14.80	12.00	11.80
08	22.60	21.23	18.30	16.80	14.00	11.80
09	24.60	23.23	20.30	18.80	16.00	11.80
10	26.60	25.23	22.30	20.80	18.00	11.80
11	28.60	27.23	24.30	22.80	20.00	11.80
12	30.60	29.23	26.30	24.80	22.00	11.80
13	32.60	31.23	28.30	26.80	24.00	11.80
14	34.60	33.23	30.30	28.80	26.00	11.80
15	36.60	35.23	32.30	30.80	28.00	11.80



RECOMMENDED P.C.B LAYOUT
(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. 2008WVS-1xXX-XXXBXRRRXXQ												
						.X	±0.30						TITLE											
2021/12/16	D	EN20211216001	Modify the first pin label	Xue	Robing	.XX	±0.20						Pitch 2.00 mm 180° SMT Wafer Connectors											
2020/03/16	C	ER20190805001	Update Drawing Frame, The Same ECR And ECN No	Alan qin	Robing	.XXX	±0.10																	
						X.*	±2°				APPROVAL	CHECK	DRAWN	DATE										
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT				Jack Zhang	Larry Yang	Alan qin	2019/01/16											
															UNIT	SCALE	SHEET	REV	NUMBER					
															mm	1:1	1/2	0	CD					

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

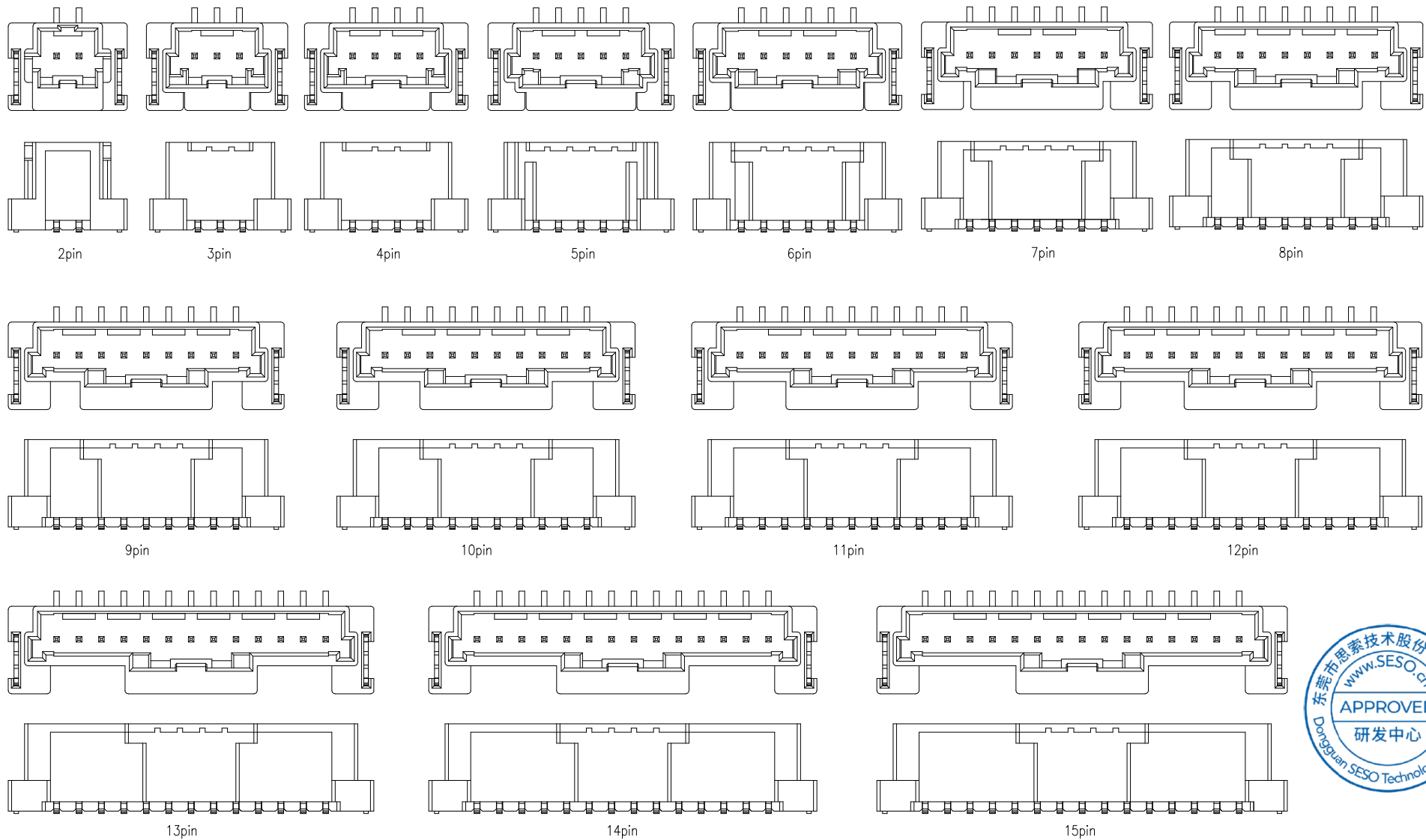
PART NO.
2008WVS-1xXX-XXXBXXRRXXXQ

Pitch 2.00 mm 180° SMT Wafer Connectors

UNIT SCALE SHEET REV NUMBER
mm 1:1 1/2 0 CD

RoHS

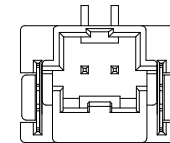
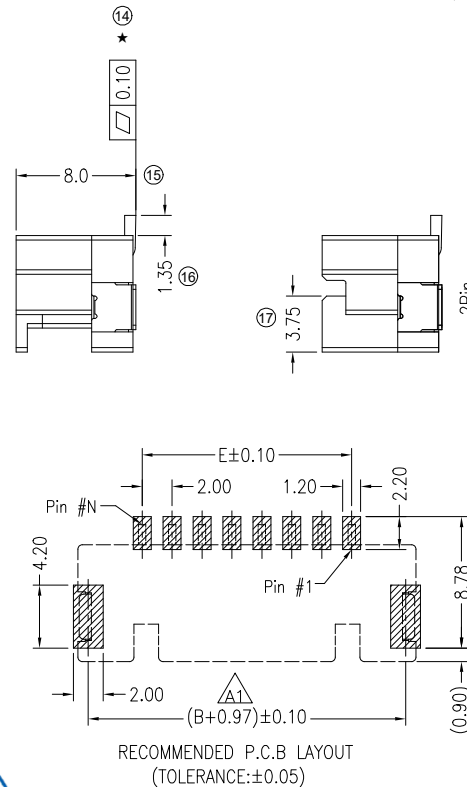
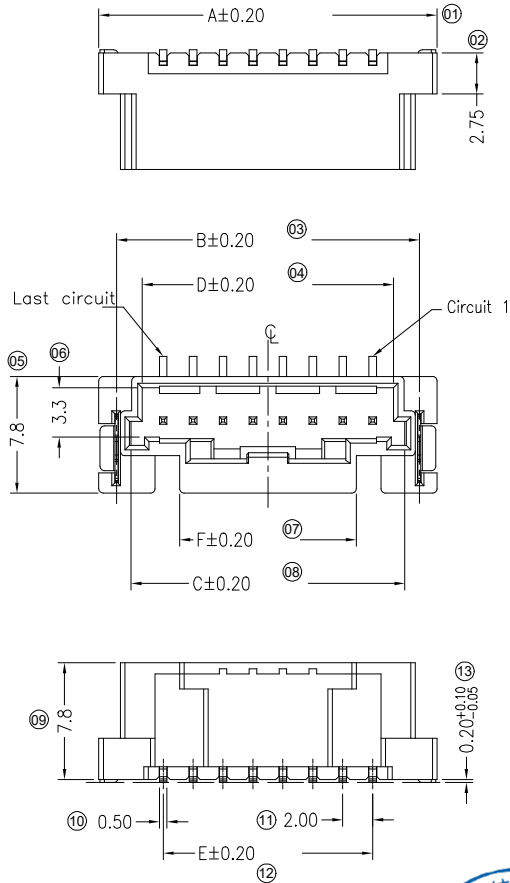
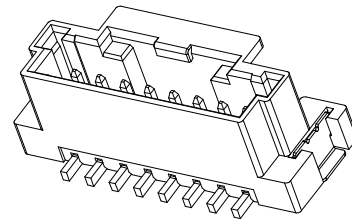
This products can apply to the SESO Doc NO. QA-3-04-005
of Environmental&Material Management Rules



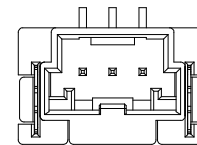
A						GENERAL TOLERANCE		SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				PART NO. 2008WVS-1xXX-XXXBXXRRRXXQ					A		
							.X ±0.30												
							.XX ±0.20												
	2021/12/16	D	EN20211216001	Modify the first pin label	Xue	Robing		.XXX±0.10	APPROVAL		CHECK	DRAWN	DATE	TITLE Pitch 2.00 mm 180° SMT Wafer Connectors					
	2020/03/16	C	ER20190805001	Update Drawing Frame, The Same ECR And ECN No	Alan qin	Robing		X: ±2°	PROJECT		Jack Zhang	Larry Yang	Alan qin	2019/01/16	UNIT	SCALE		SHEET	REV
	DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL									mm	1:1	2/2	0	CD
		1	2		3		4		5		6		7		8				

RoHS

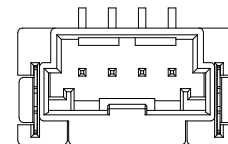
This products can apply to the SESO Doc NO. QA-3-04-005
of Environmental&Material Management Rules



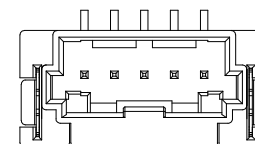
2Pin



3Pin



4Pin



5Pin

- Specifications :
- Voltage rating: 125V AC / DC
 - Current rating: 3A AC / DC
 - Withstanding voltage: 500V AC/minute
 - Temperature range: -40°C~+125°C
 - Insulation resistance: >1000MΩ
 - Contact resistance: <10mΩ
 - After environmental testing: <20mΩ
 - Material(Pin): Brass
 - "★" Critical dimension

2008 W V S - XX - XX XXX X XX
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- ① Series No.
② Category: W-wafer
③ Connector Type: V-Straight 180°
④ Mounting Type: S-SMT
⑤ Row No.-Pin No: XX-Single Row XXPin
⑥ Plastic material: 9T- PA9T 94V-0; LP- LCP 94V-0
⑦ Plating Code;
SW1-Under plate : Ni 50~100u"(1.25~2.5um) overall;
Top plating: Matte Tin 100~200u"(2.5~5um) overall
GW01-Contact Area: Underplate 50~100u"(1.25~2.5um)Ni,
Top plating Gold Flash
Solder Area: Underplate 50~100u"(1.25~2.5um)Ni,
Top plating 100~200u"(2.5~5um)Matte Tin
⑧ Color: N-Natural; B-Black; R-Red; L-Blue
⑨ Packing: W-Reel ,With Mylar C-Reel , With CAP
R-Reel ,Without Mylar and Cap

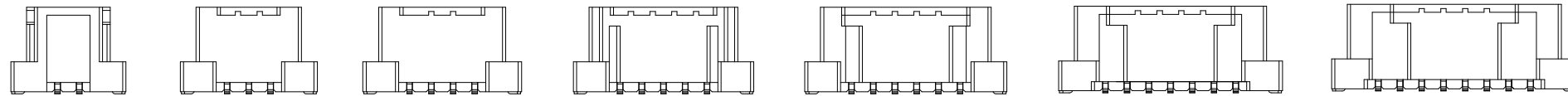
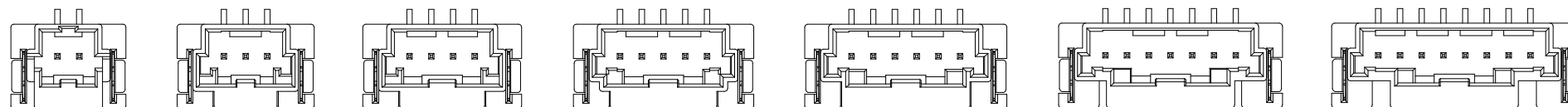
Poles	Dimensions (mm)					
	A	B	C	D	E	F
02	10.60	8.23	6.30	4.80	2.00	6.30
03	12.60	10.23	8.30	6.80	4.00	5.80
04	14.60	12.23	10.30	8.80	6.00	7.80
05	16.60	14.23	12.30	10.80	8.00	9.80
06	18.60	16.23	14.30	12.80	10.00	11.80
07	20.60	18.23	16.30	14.80	12.00	11.80
08	22.60	20.23	18.30	16.80	14.00	11.80
09	24.60	22.23	20.30	18.80	16.00	11.80
10	26.60	24.23	22.30	20.80	18.00	11.80
11	28.60	26.23	24.30	22.80	20.00	11.80
12	30.60	28.23	26.30	24.80	22.00	11.80
13	32.60	30.23	28.30	26.80	24.00	11.80
14	34.60	32.23	30.30	28.80	26.00	11.80
15	36.60	34.23	32.30	30.80	28.00	11.80
16	38.60	36.23	34.30	32.80	30.00	11.80



A							GENERAL TOLERANCE				SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				PART NO. 2008WVS-XX-XXXXXX						
	2023/12/16	A2	/	Added 16Pin		Joestar Zhou	Larry Yang	.X ±0.30	APPROVAL	CHECK					DRAWN	DATE	TITLE Pitch 2.00 mm 180° SMT Wafer Connectors				
								.XX ±0.20													
								.XXX±0.10													
								X: ±2°													
2023/11/30	A1	EN20231130003	Changed the dimensions of the layout positioning pad		Jason Zhou	Larry Yang	PROJECT	Jack Zhang	Larry Yang	Xue	2022/10/11	UNIT	SCALE	SHEET	REV	NUMBER					
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL							mm	1:1	1/2	A2	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



2pin

3pin

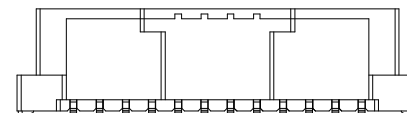
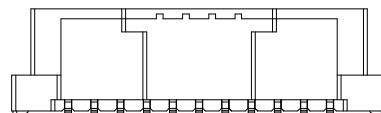
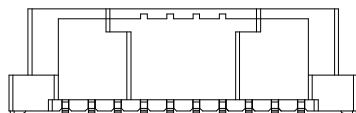
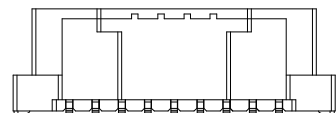
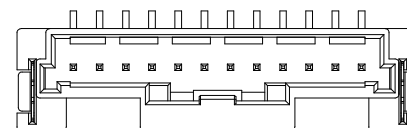
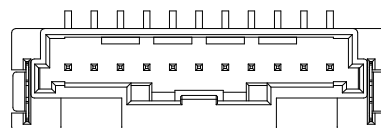
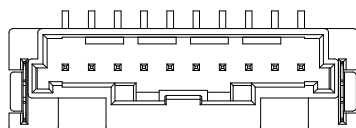
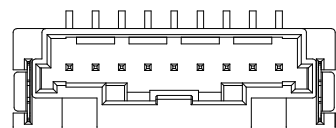
4pin

5pin

6pin

7pin

8pin

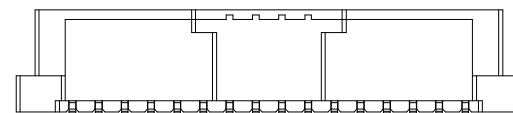
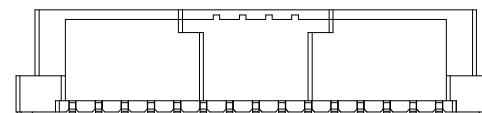
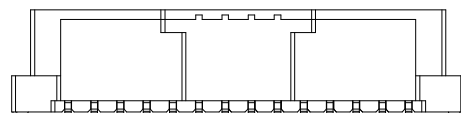
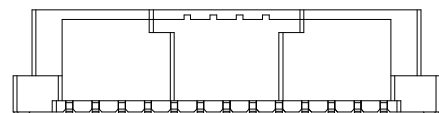
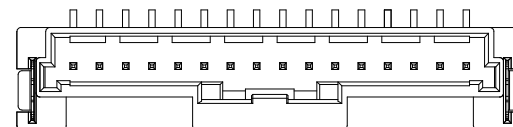
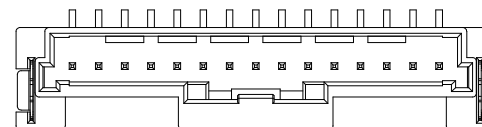
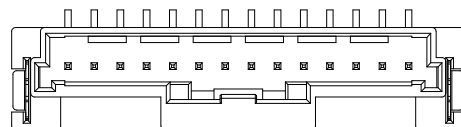
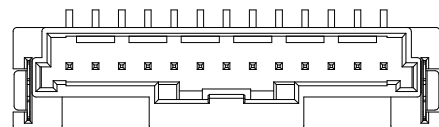


9pin

10pin

11pin

12pin



13pin

14pin

15pin

 16pin



A

						GENERAL TOLERANCE		SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.		PART NO.		2008WVS-XX-XXXXXX					
2023/12/16	A2	/	Added 16Pin 	Joestar Zhou	Larry Yang	.X ±0.30	TITLE			Pitch 2.00 mm 180° SMT Wafer Connecto							
2023/11/30	A1	EN20231130003	Changed the dimensions of the layout positioning pad 	Jason Zhou	Larry Yang	.XX ±0.20	APPROVAL			CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
						.XXX±0.10							mm	1:1	2/2	A2	CD
						X.* ±2*	PROJECT										
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	 	Jack Zhang	Larry Yang	Xue	2022/10/11							

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