

RoHS

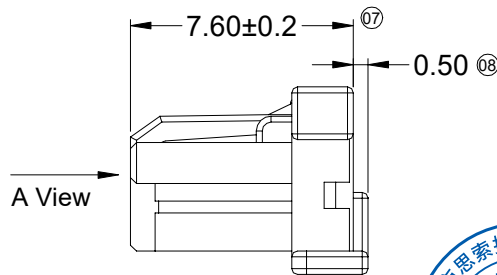
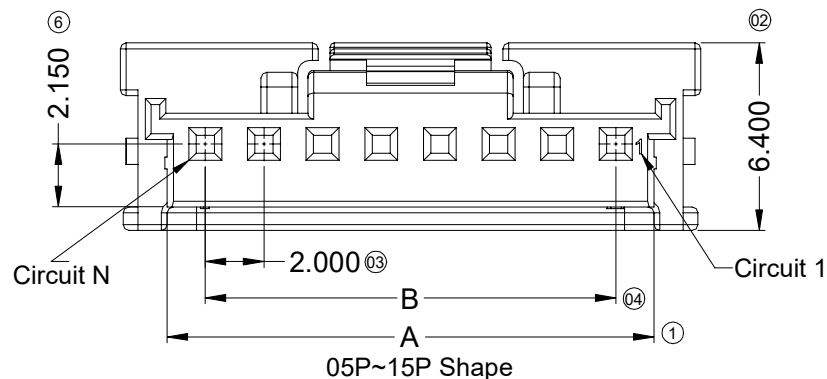
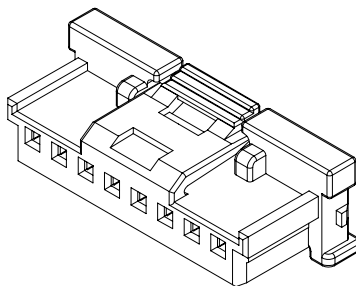
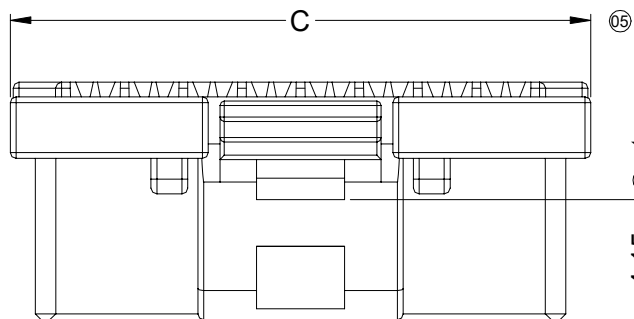
This products can apply to the SESO Doc NO. QA-3-04-005 of Environmental&Material Management Rules

Specifications :

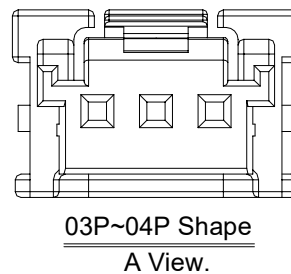
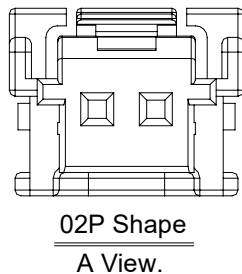
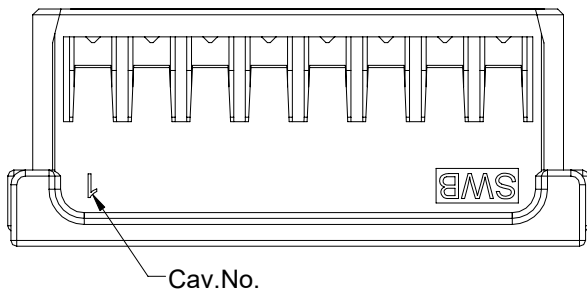
- Voltage rating: 125V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 500V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance: ≥ 1000MΩ
- Contact resistance: ≤10mΩ
- After environmental testing: ≤20mΩ
- Suitable SESO Terminal: 2021T
- Suitable SESO TPA: C2021
- Suitable SESO Header: 2008W
- "★" Critical dimension

2021 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 UL94-V0
- ⑤ Color:BK-Black NC-Natural



Poles	Dimensions (mm)		
	A	B	C
02	4.60	2.00	8.00
03	6.60	4.00	9.80
04	8.60	6.00	11.80
05	10.60	8.00	13.80
06	12.60	10.00	15.80
07	14.60	12.00	17.80
08	16.60	14.00	19.80
09	18.60	16.00	21.80
10	20.60	18.00	23.80
11	22.60	20.00	25.80
12	24.60	22.00	27.80
13	26.60	24.00	29.80
14	28.60	26.00	31.80
15	30.60	28.00	33.80



DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL
20220810	A2	/	Plastic new color specification	Wangcheng	Larry Yang

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

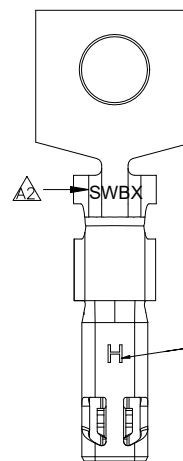
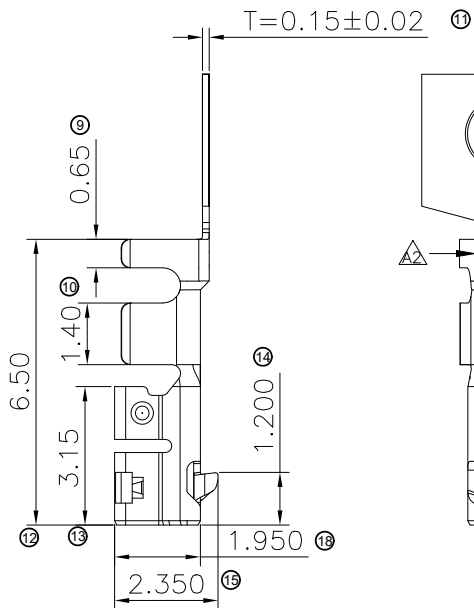
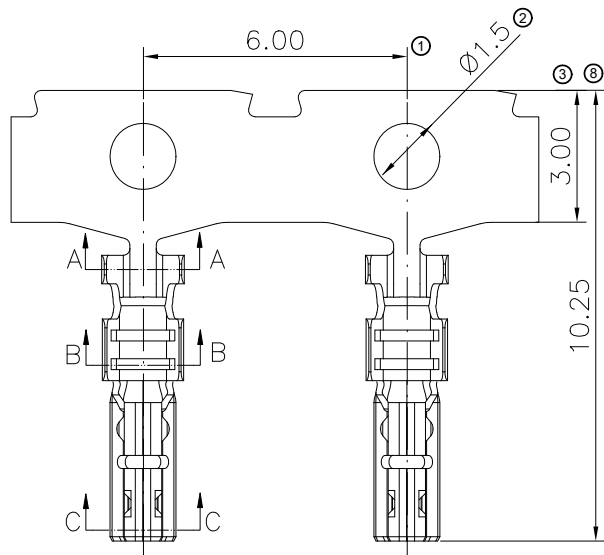
SMS 东莞市思索技术股份有限公司
 Dongguan SESO Technology Co.,Ltd.

APPROVAL	CHECK	DRAWN	DATE
Zhang	Larry Yang	Xiaohu Jiang	2020/08/07

PART NO. 2021H-XX-PTXX				
TITLE 2.00mm Pitch WTB Conn.Housing With TPA Feature				
UNIT	SCALE	SHEET	REV	NUMBER
mm	4:1	1/1	A2	A-000

RoHS

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



■ Specification:

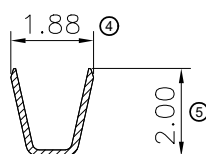
- Voltage Rating: 125V AC / DC
- Current Rating: 3A AC/DC (0.35mm² Wire)
- Temperature Range: -40°C ~ +125°C
- Contact Resistance: $\le 10m\Omega$ (Initial)
$\le 20m\Omega$ (After Testing)
- Mates With SESO Housing: 2021H-XX
- Packaging Drawing: PK-2021TX-HY2B
- Product Specification: PS-2021-01
- Symbols for SPC Dimensions: ★

Material mark
H-High Conductivity Copper

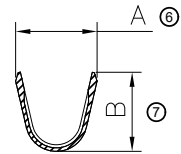


2021 I X - H Y2 B
① ②③ ④ ⑤ ⑥

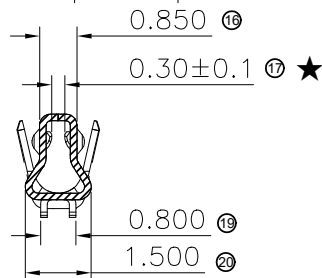
- ① Series No.: 2021
- ② Category: T - Terminal
- ③ Shape: Blank-Low Feet ; H-High Feet
- ④ Material: H-High Conductivity Copper
- ⑤ Plating Code: Y2-40~120u" (1~3um) Tin
- ⑥ Plating Process:
B-Stamping After Plating



Section: A-A



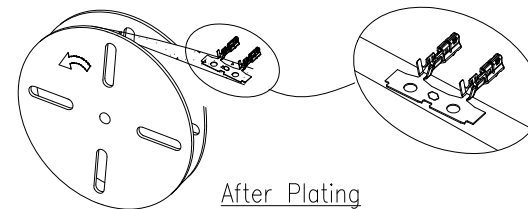
Section: B-B



Section: C-C

Table 1

2021TH-HY2B	AWG#22 (0.35mm ²)	φ1.4mm Max	2021H	1.85	1.80
2021T-HY2B	AWG#24~26 (0.22~0.13mm ²)	φ1.2mm Max		1.25	1.35
P/N	Wire Range	Insulation O.D.	Mates With SWB Housing	Dim A	Dim B



After Plating

				GENERAL TOLERANCE				PART NO. 2021TX-HY2B						
				.X ±0.35				TITLE 2.00mm Pitch WTB Conn.Terminal						
				.XX ±0.25				APPROVAL						
				.XXX±0.15				CHECK						
				X.' ±2'				DRAWN						
				PROJECT				DATE						
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	Jason Huang	Harvey Yan	Xiaohu Jiang	2020/08/20	UNIT mm	SCALE 6:1	SHEET 1/1	REV A2	NUMBER A-000

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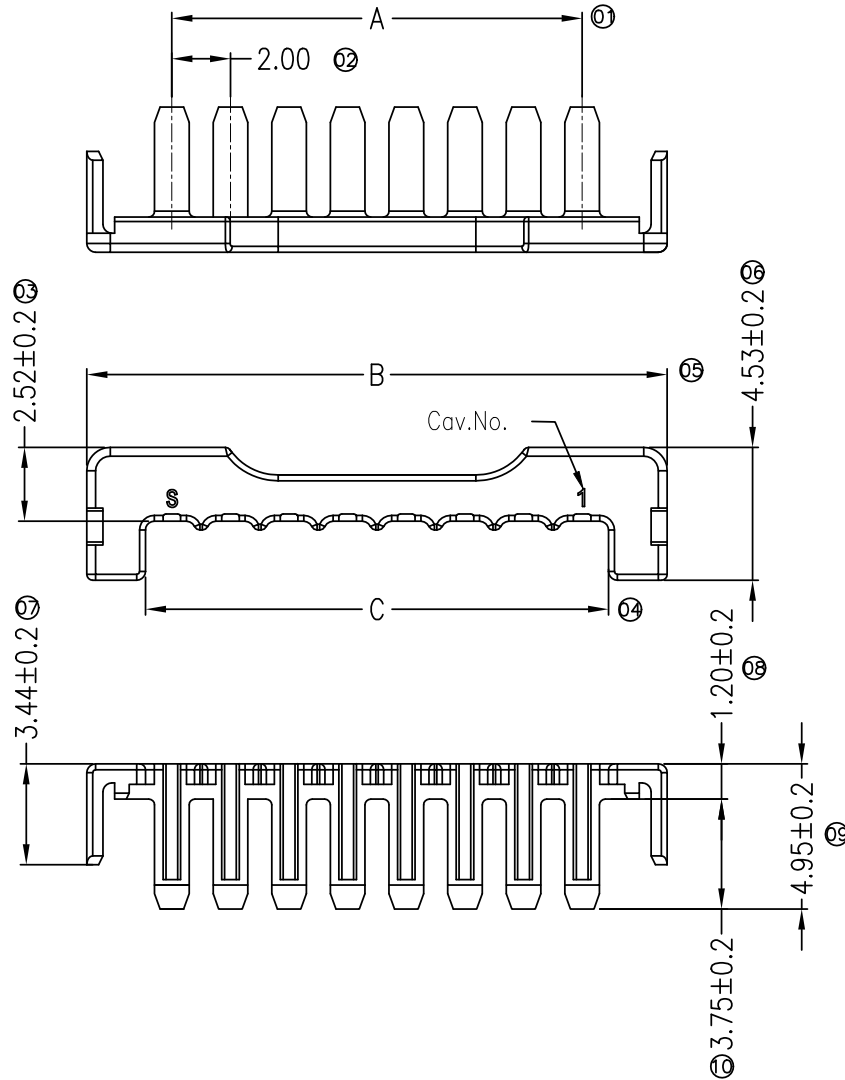
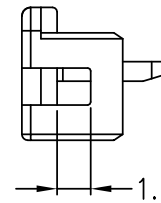
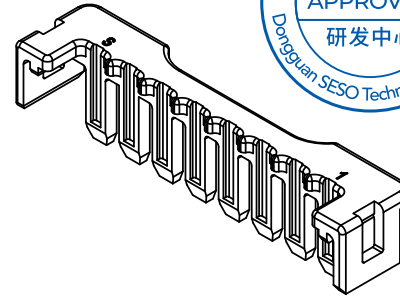


Specifications :

- 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
- Suitable SESO Terminal: 2021T
- Suitable SESO Housing: 2021H
- Suitable SESO Header: 2008W
- "★" Critical dimension

C2021 - XX - PT NC
 ① ② ③ ④

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



Poles	Dimensions (mm)			Poles	Dimensions (mm)		
	A	B	C		A	B	C
02	2.00	7.80	3.80	09	16.00	21.80	17.80
03	4.00	9.80	5.80	10	18.00	23.80	19.80
04	6.00	11.80	7.80	11	20.00	25.80	21.80
05	8.00	13.80	9.80	12	22.00	27.80	23.80
06	10.00	15.80	11.80	13	24.00	29.80	25.80
07	12.00	17.80	13.80	14	26.00	31.80	27.80
08	14.00	19.80	15.80	15	28.00	33.80	29.80

					GENERAL TOLERANCE				PART NO. C2021-XX-PTNC					
					.X ±0.30				TITLE 2.00mm Pitch WTB Conn. TPA					
					.XX ±0.20									
					.XXX±0.10				APPROVAL CHECK DRAWN DATE					
					X.' ±2'				UNIT SCALE SHEET REV NUMBER					
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT	Jason Huang	Larry Yang	Xiaohu Jiang	2019/11/09	mm 4:1 1/1 A1 A-000			

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 Dongguan SESO Technology Co.,Ltd.

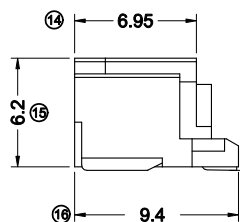
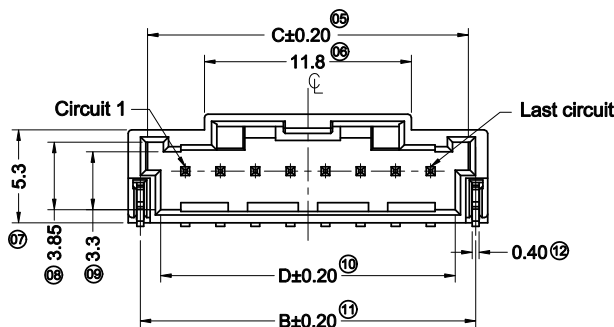
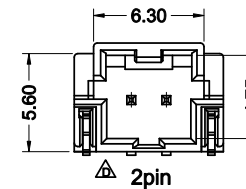
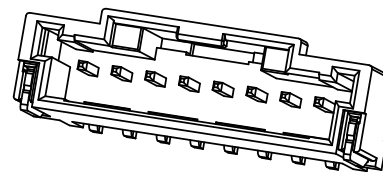
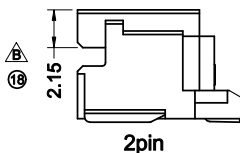
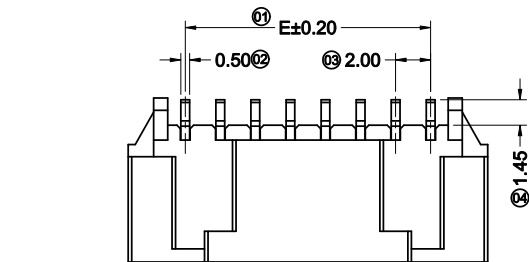
RoHS

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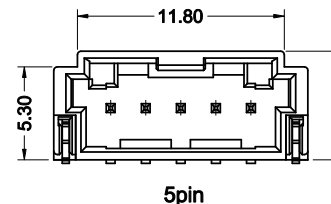
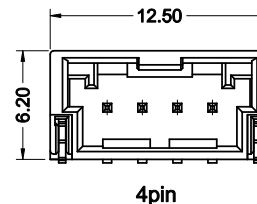
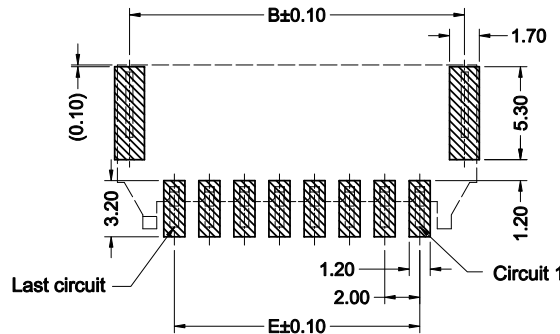
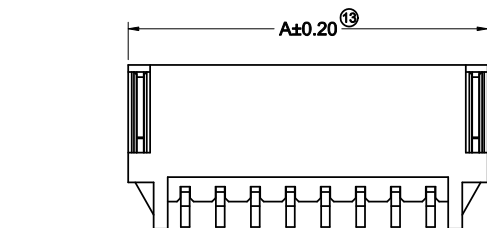
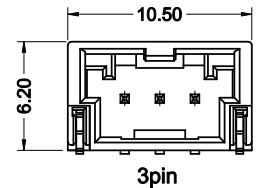
- Specifications :
- Voltage rating: 125V AC / DC
 - Current rating: 3A AC / DC
 - Withstanding voltage: 500V AC/minute
 - Temperature range: -40°C~+125°C
 - Insulation resistance: ≥1000MΩ
 - Contact resistance: ≤10mΩ
 - After environmental testing: ≤20mΩ
 - Material(Pin): Brass
 - Mates With SWB Housing: 2008H
 - "★" Critical dimension

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 Gold Flash
- 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



0.10 ⑳ ★



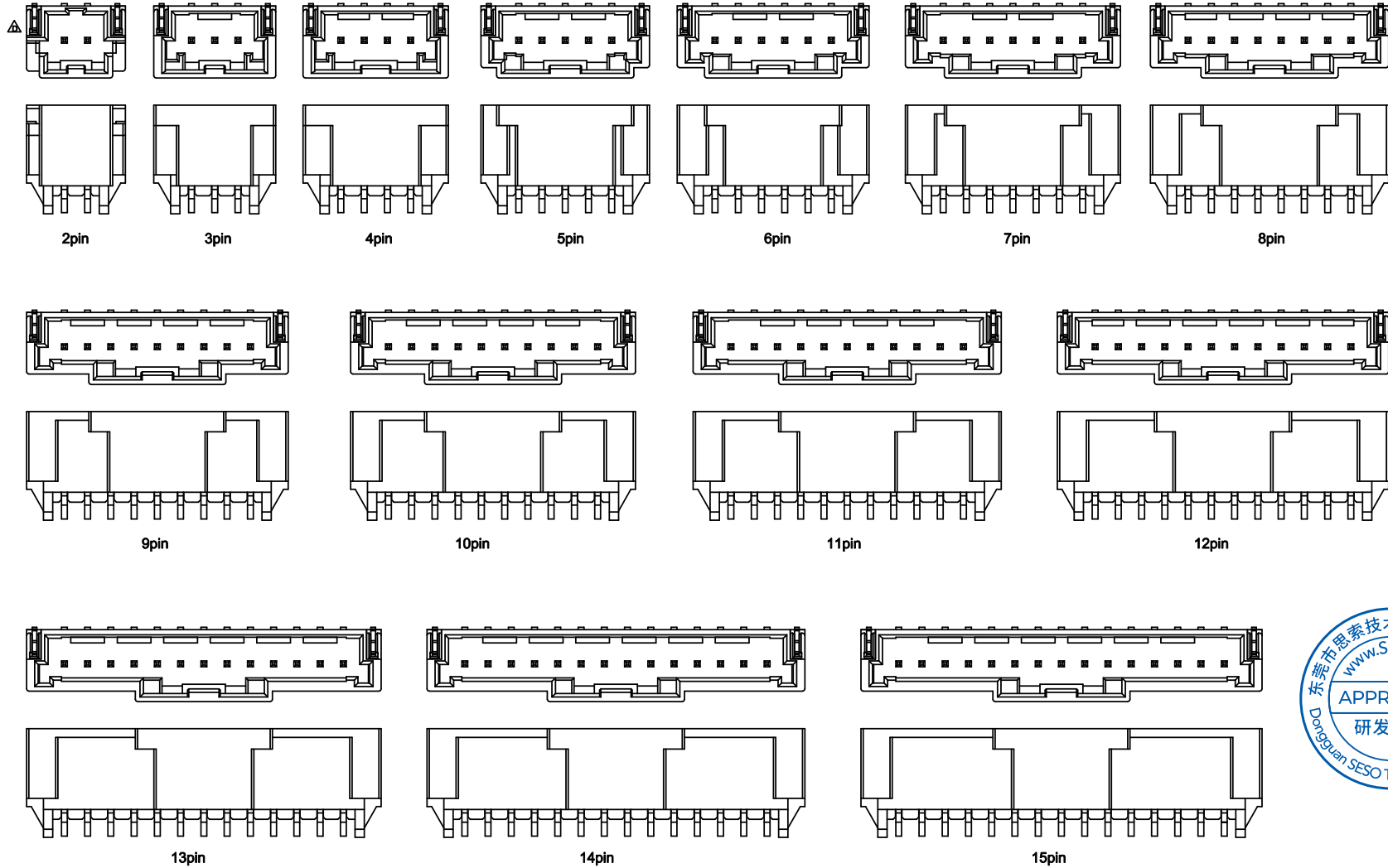
Poles	Dimensions (mm)				
	A	B	C	D	E
02	8.50	7.13	6.30	4.80	2.00
03	10.50	9.13	8.30	6.80	4.00
04	12.50	11.13	10.30	8.80	6.00
05	14.50	13.13	12.30	10.80	8.00
06	16.50	15.13	14.30	12.80	10.00
07	18.50	17.13	16.30	14.80	12.00
08	20.50	19.13	18.30	16.80	14.00
09	22.50	21.13	20.30	18.80	16.00
10	24.50	23.13	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

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

DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	GENERAL TOLERANCE	APPROVAL				PROJECT					
2022/10/06	E1		Added contact area gold plated G/F specification	Xue	Larry	.X ±0.30	东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.	APPROVAL	CHECK	DRAWN	DATE	PART NO.				
2021/12/16	E	EN20211216001	Modify the first pin label	Xue	Larry	.XX ±0.20						2008WRS-1xXX-XXXB05RRXXXQ				
						.XXX±0.10						TITLE				
						X: ±2*						Pitch 2.00 mm 90° SMT Wafer Connectors				
						PROJECT	Robing	Joshua	Alan qin	2018/10/16	UNIT	SCALE	SHEET	REV	NUMBER	
											mm	1:1	1/2	E1	A-000	

RoHS

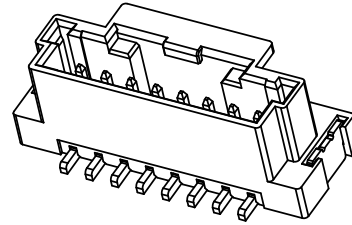
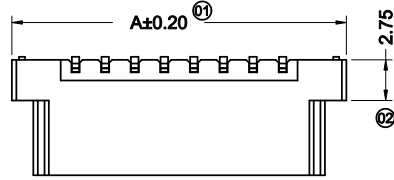
This products can apply to the SESO Doc NO. QA-3-04-005 of Environmental&Material Management Rules



DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	GENERAL TOLERANCE				PART NO.						
2022/10/06	E1		Added contact area gold plated G/F specification	Xue	Larry	.X	±0.30	SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				2008WRS-1xXX-XXB05RRXXQX				
2021/12/16	E	EN20211216001	Modify the first pin label	Xue	Larry	.XX	±0.20					TITLE				
						.XXX	±0.10					Pitch 2.00 mm 90° SMT Wafer Connectors				
						X:	±2°					UNIT				
						PROJECT		APPROVAL	CHECK	DRAWN	DATE	mm	SCALE	SHEET	REV	NUMBER
								Robing	Joshua	Alan qin	2018/10/16	mm	1:1	2/2	E1	A-000

RoHS

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

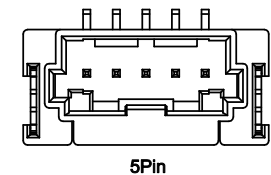
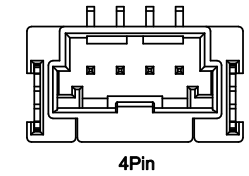
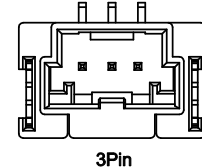
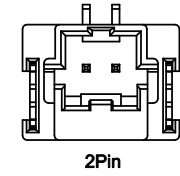
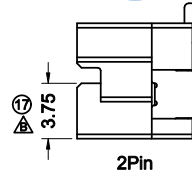
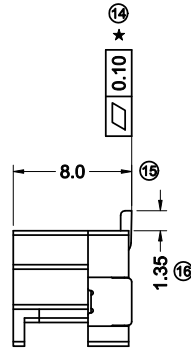
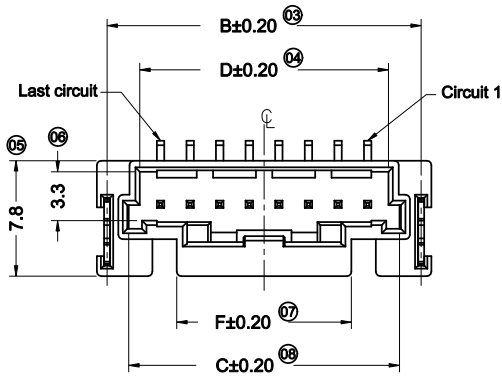


- Specifications :**
- Voltage rating: 125V AC / DC
 - Current rating: 3A AC / DC
 - Withstanding voltage: 500V AC/minute
 - Temperature range: -40°C~+125°C
 - Insulation resistance: ≥1000MΩ
 - Contact resistance: ≤10mΩ
 - After environmental testing: ≤20mΩ
 - Material(Pin): Brass
 - Mates With SWB Housing: 2008H
 - "*" Critical dimension

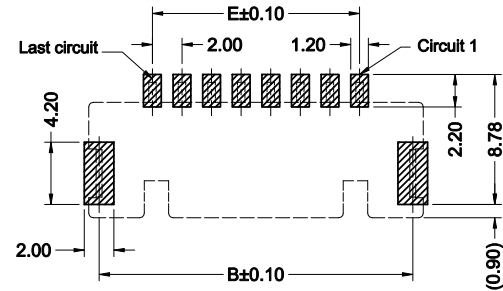


2008 W V S - 1 x XX - XX X B XX X R XXX Q
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬

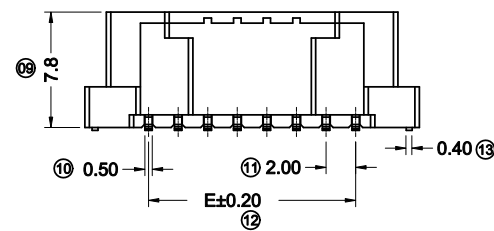
- ① Series No.
- ② Category: W-wafer
- ③ Connector Type: V-Straight 180°
- ④ Mounting Type: S-SMT
- ⑤ Row No.-Pin No: 1xXX-Single Row 1xXXPin
- ⑥ Plastic material: 9T- PA9T 94V-0; LP- LCP 94V-0
- ⑦ Color: N-Natural; B-Black; R-Red; L-Blue
- ⑧ Metal material: B-Brass
- ⑨ Plating Code: 05-Matte Tin
30-Contact 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)



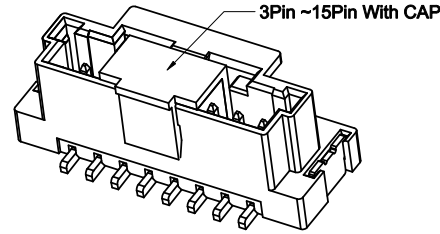
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT	APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
2021/12/16	D	EN20211216001	Modify the first pin label	Xue	Robing	Robing	Robing	Joshua	Alan qin	2019/01/16	mm	1:1	1/2	D	A-000
2020/03/16	C	ER20190805001	Update Drawing Frame, The Same ECR And ECN No	Alan qin	Robing	Robing	Robing	Joshua	Alan qin	2019/01/16	mm	1:1	1/2	D	A-000

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

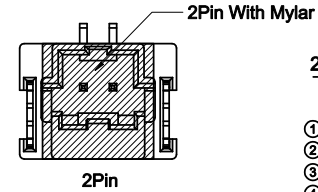
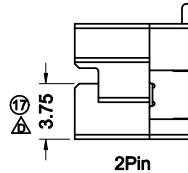
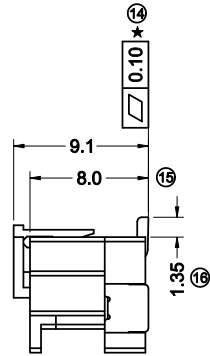
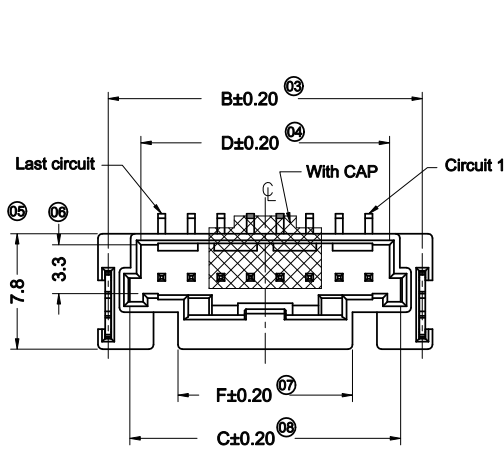
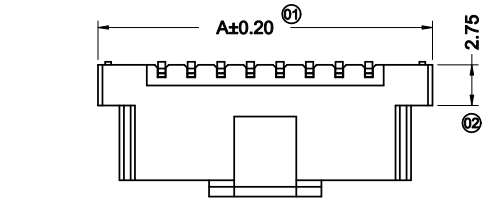
PART NO.
2008WS-1xXX-XXXBXXRXXXQ
TITLE
Pitch 2.00 mm 180° SMT Wafer Connectors

RoHS

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

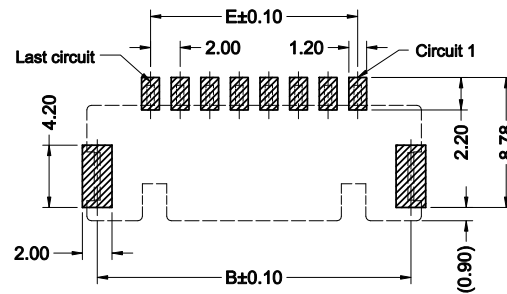
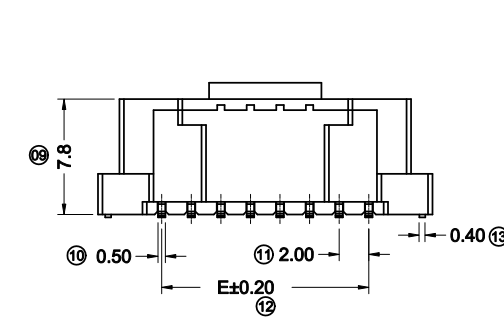


- Specifications :
- Voltage rating: 125V AC / DC
 - Current rating: 3A AC / DC
 - Withstanding voltage: 500V AC/minute
 - Temperature range: -40°C~+125°C
 - Insulation resistance: ≥1000MΩ
 - Contact resistance: ≤10mΩ
 - After environmental testing: ≤20mΩ
 - Material(Pin): Brass
 - Mates With SWB Housing: 2008H
 - "★" Critical dimension

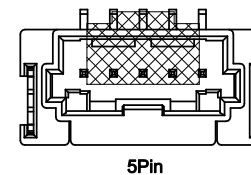
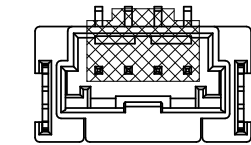


2008 W V S - 1 x XX - XX X B 05 X R XXX Q
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬

- 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



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

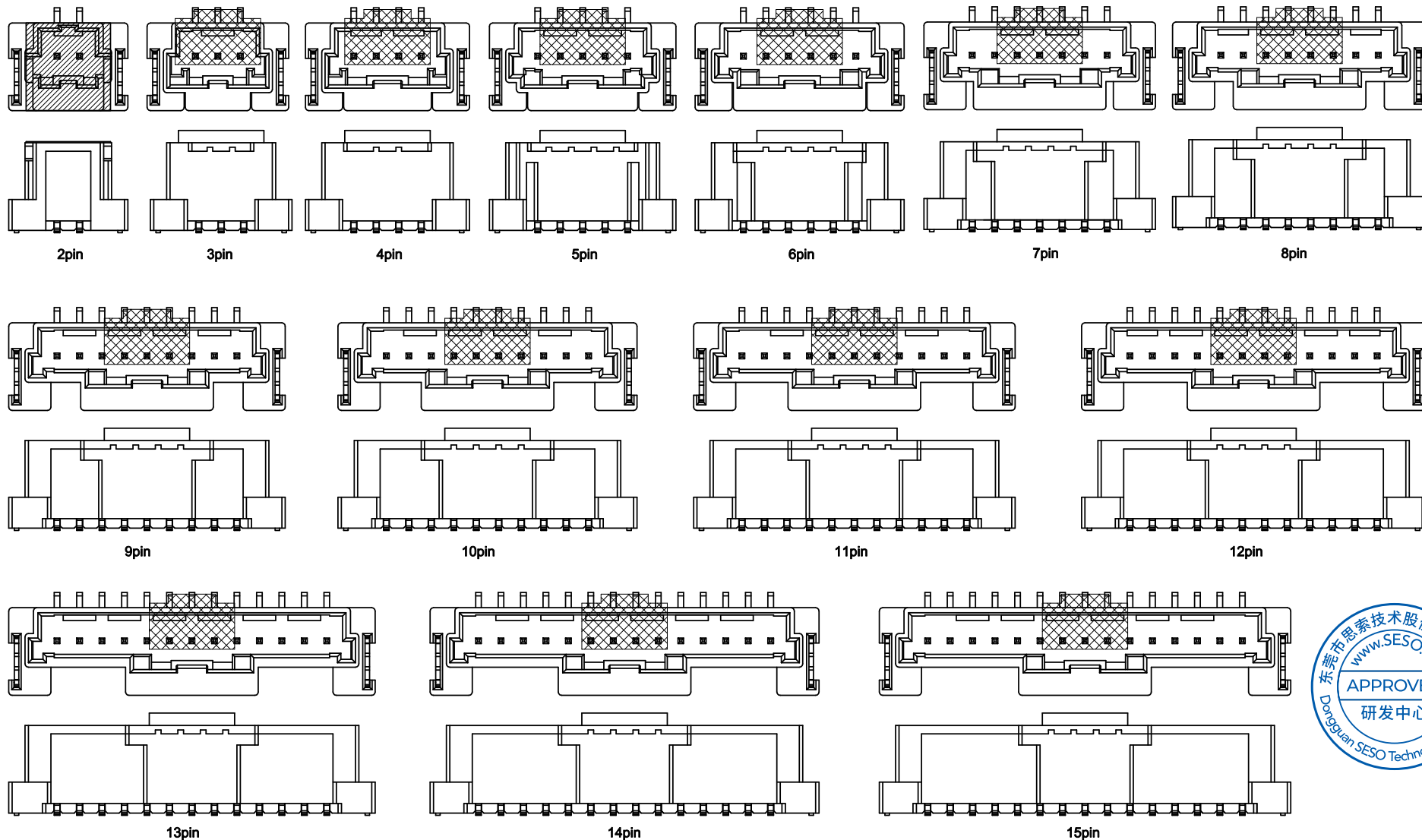


Poles	Dimensions (mm)					
	A	B	C	D	E	F
02	10.60	9.23	6.30	4.80	2.00	6.30
03	12.60	11.23	8.30	6.80	4.00	5.80
04	14.60	13.23	10.30	8.80	6.00	7.80
05	16.60	15.23	12.30	10.80	8.00	9.80
06	18.60	17.23	14.30	12.80	10.00	11.80
07	20.60	19.23	16.30	14.80	12.00	11.80
08	22.60	21.23	18.30	16.80	14.00	11.80
09	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

DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT	APPROVAL	CHECK	DRAWN	DATE	PART NO.	
2021/12/16	F	EN20211216001	Modify the first pin label	Xue	Robing	GENERAL TOLERANCE	东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.	APPROVAL				2008WVS-1xXX-XXXBXXRXXQ
2020/03/16	E	ER20190805001	Update Drawing Frame, The Same ECR And ECN No	Alan qin	Robing	.X ±0.30		CHECK				TITLE
						.XX ±0.20		DRAWN				Pitch 2.00 mm 180° SMT Wafer Connectors
						.XXX±0.10		DATE				UNIT SCALE SHEET REV NUMBER
						X.' ±Z'	Robing	Joshua	Alan qin	2019/01/16		mm 1:1 1/2 F A-000

RoHS

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



					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. 2008WVS-1xXX-XXXBXXRRXXQ											
2021/12/16 F EN20211216001 Modify the first pin label Xue Robing					APPROVAL				CHECK				DRAWN				DATE							
2020/03/16 E ER20190805001 Update Drawing Frame, The Same ECR And ECN No Alan qin Robing					Robing				Joshua				Alan qin				2019/01/16							
TITLE Pitch 2.00 mm 180° SMT Wafer Connectors					UNIT				SCALE				SHEET				REV				NUMBER			
DATE REV ECN NO. DESCRIPTION MODIFY APPROVAL					mm				1:1				2/2				F				A-000			