

RoHS

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

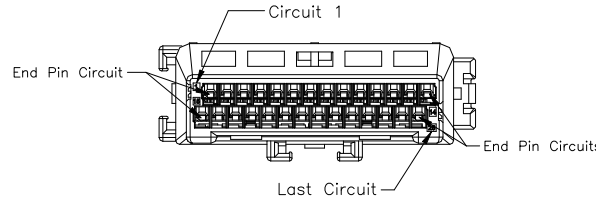
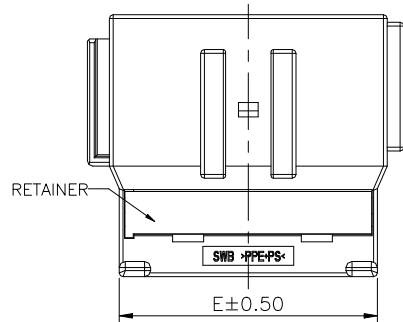
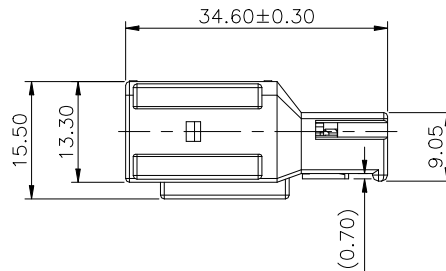
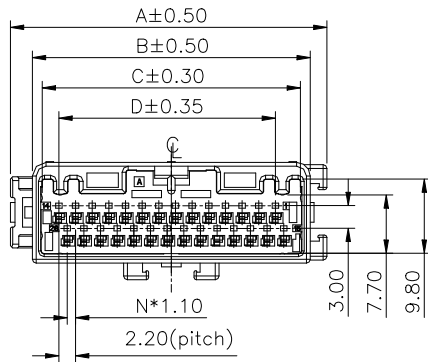
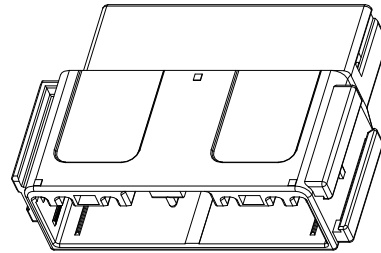
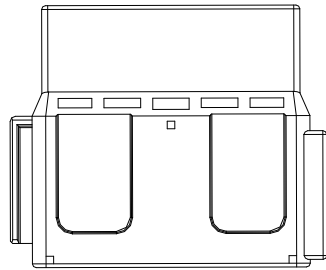


TABLE 1: Matching Terminal List

P/N	Applicable Wire		Applicable Housing Pin Circuits
2201THM-BSW1	AVSS 0.85mm ²	1.80mm(Max)	Four both ends pin circuits can be applied Other pin circuits are not applicable
2201TM-BSW1	AWG#18~20 (0.5~0.75mm ²)	1.40~1.60mm	All pin circuits can be applied
2201TLM-BSW1	AWG#24~22 (0.22~0.35mm ²)	1.10~1.30mm	All pin circuits can be applied

Note: Please refer to the crimping specification for details

Specifications :

- Voltage rating: 50V Max. AC / DC
- Current rating: 3A Max.AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance: 100MΩ Min
- Contact resistance: 20mΩ Max.
- Material(Retainer): PPE+PS UL94V-0
- Mates With SESO Terminal: 2201TXM
- Product Specification: PS-2201-01
- Packaging: See SESO drawing: PK-2201AF-2*XXX-ESXX

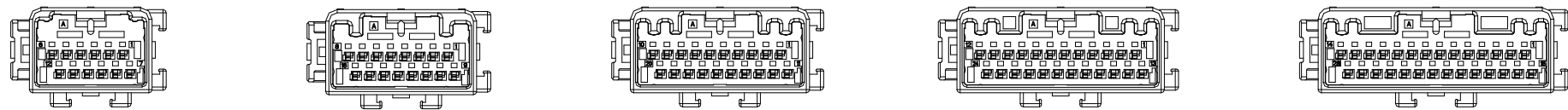
2201 A F - 2* XX X - ES XX
① ②③ ④ ⑤ ⑥ ⑦

- ① Series No.
② Category: A-TPA Pre-Assembly Housing
③ Connector Type: F-Female Housing
④ Row No.-Pin No:
2xXX-Double Row 2xXXPin
⑤ Key code:Blank-Key A , D-Key D
⑥ Material: ES- PPE+PS UL94V-0
⑦ Color: GY-Gray , BK-Black , BR-Brown

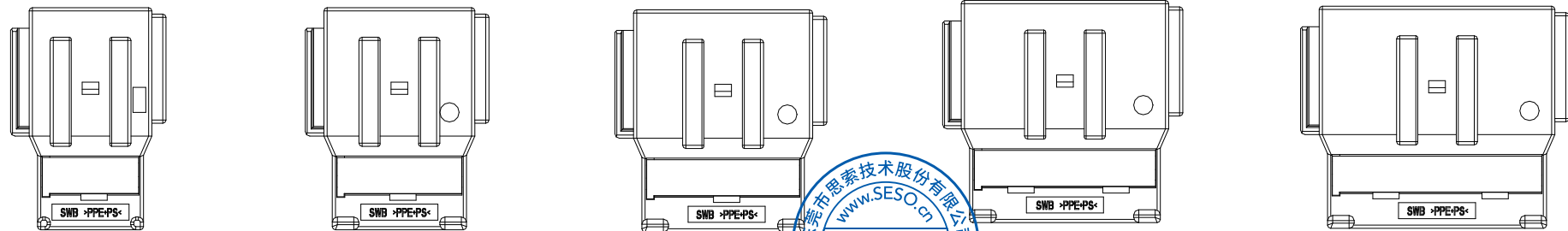
Poles	Dimensions (mm)				
	A	B	C	D	E
2*06	24.20	19.10	16.40	11.00	16.50
2*08	28.60	23.50	20.80	15.40	20.90
2*10	33.00	27.90	25.20	19.80	25.30
2*12	37.40	32.30	29.60	24.20	29.70
2*14	41.80	36.70	34.00	28.60	34.10
2*16	46.20	41.10	38.40	33.00	38.50
2*18	50.60	45.50	42.80	37.40	42.90
2*20	55.00	49.90	47.20	41.80	47.30

20231218	X2	/	Add 2*18 PIN KEY D	Ed Zhou	Meng Yang	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.				
20231011	X1	ER20231011003	Add a Matching Terminal List	JianHui Zhou	Meng Yang					2201AF-2*XXX-ESXX				
20220218	X0	/	First edition	Joshua	Meng Yang					TITLE:				
										2.20mm Pitch Female Housing				
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
						Jack Zhang	Meng Yang	Joshua	2022/02/18	mm	1:1	1/2	X2	CD

F



E



D

2*06PIN

2*08PIN

2*10PIN

2*12PIN

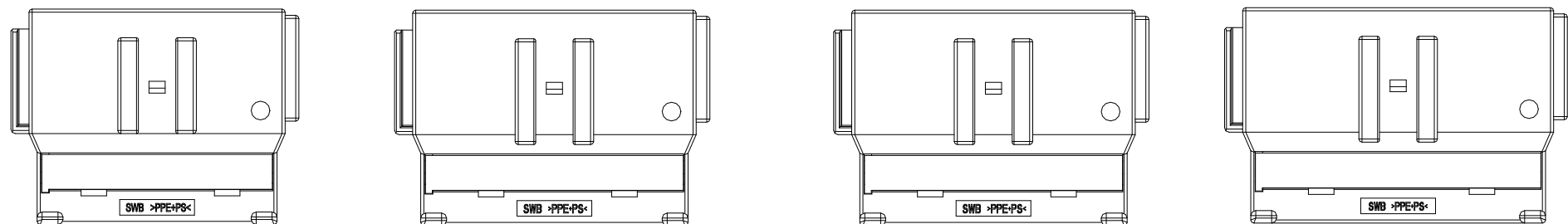
2*14PIN



C



B



2*16PIN

Key A
2*18PIN

Key D
2*18PIN

2*20PIN

A

20231218	X2	/	Add 2*18 PIN KEY D	Ed Zhou	Meng Yang	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 Meng Yang Joshua 2022/02/18				PART NO. 2201AF-2*XXX-ESXX				
20231011	X1	ER20231011003	Add a Matching Terminal List	JianHui Zhou	Meng Yang					TITLE: 2.20mm Pitch Female Housing				
20220218	X0	/	First edition	Joshua	Meng Yang					UNIT SCALE SHEET REV NUMBER				
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL					mm 1:1 2/2 X2 CD				

F

E

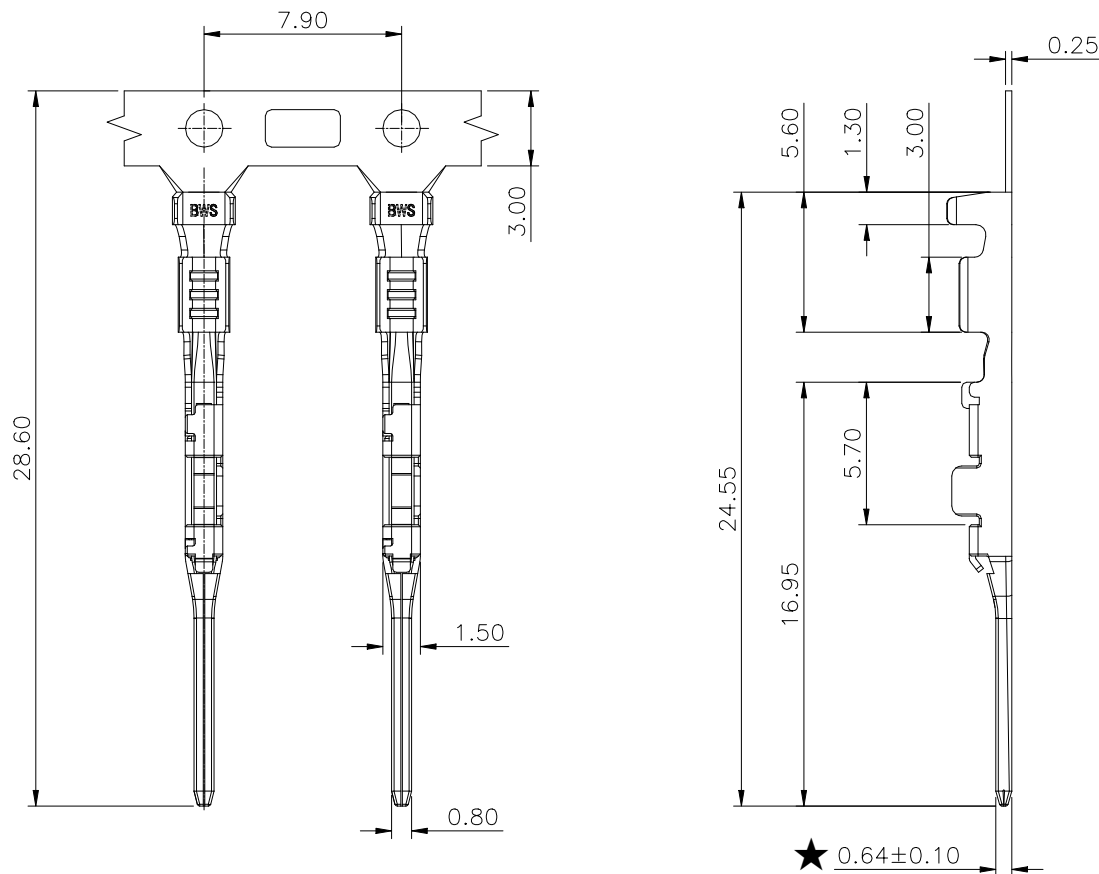
D

C

B

A

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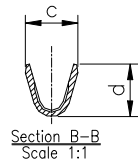
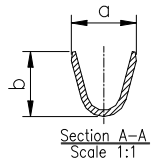
Specifications :

- Voltage rating: 50V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance:100MΩ Min
- Contact resistance: 20mΩ Max.
- Symbols "★" For SPC Dimensions
- Used In SESO Housing: 2201AF

2201 I X M- B SW1

① ②③④ ⑤ ⑥

- ① Series No.
- ② Category:T-Terminal
- ③ Appearance type:
Blank-Ordinary; H-High feet; L-Low feet
- ④ M-Male Terminal
- ⑤ Material: B-Brass
- ⑥ Plating Code: SW1- Tin Plating



2201THM-BSW1	BRASS	AVSS 0.85mm²	1.80mm(Max)	2.70	2.90	2.55	3.00
2201TM-BSW1		AWG#18~20 (0.5~0.75mm²)	1.40~1.60mm	2.70	2.70	2.50	2.45
2201TLM-BSW1		AWG#24~22 (0.22~0.35mm²)	1.10~1.30mm	2.60	2.60	2.10	2.10
P/N	Material	Wire Size	Insulation O.D	DIM a	DIM b	DIM c	DIM d

2023-10-11	X6	ER20231011003	Modity 0.5~0.75mm Wire OD	JianHui Zhou	Larry Yang	SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.	PART NO. 2201TXM-BSW1			
2022-10-27	X5	ER120220718001	Arrangement drawings	Joshua	Jason Huang		TITLE: 2.20mm Crimp Style Male Terminal			
2022-07-18	X4		Modity Insulation resistance for 100MΩ	Joshua	Zou Hong		UNIT	SCALE	SHEET	REV
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL		mm	1:1	1/1	X6
						PROJECT	Jack Zhang	Meng Yang	Zhonghua Liu	2021/09/25

RoHS

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

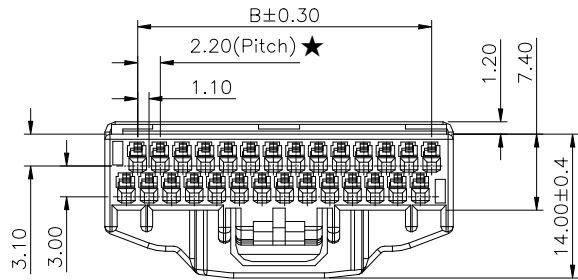
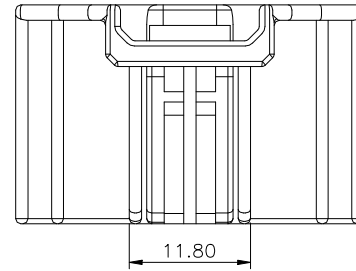
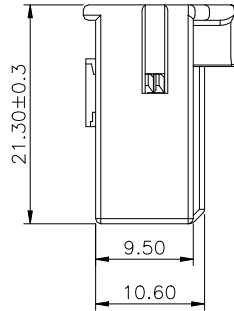
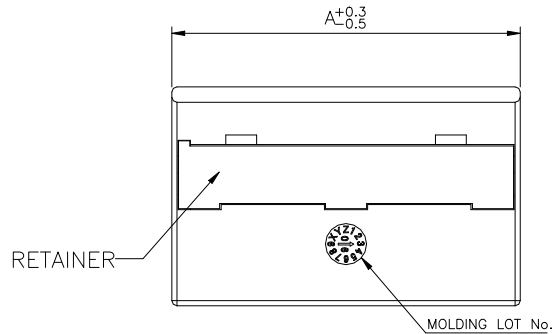
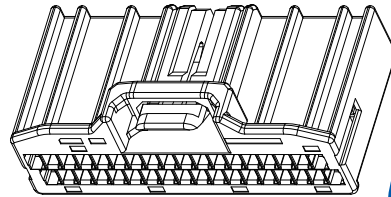
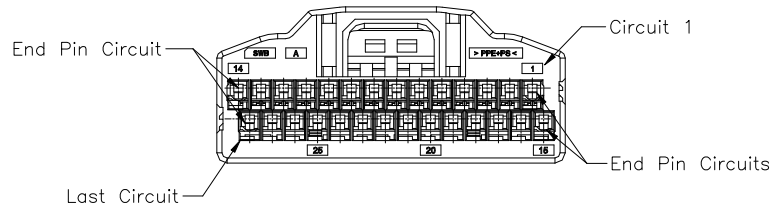


TABLE 1: Matching Terminal List

P/N	Applicable Wire		Applicable Housing Pin Circuits
2201THF-HY2B	0.85mm ² (AVSS)	1.80mm(Max)	Four both ends pin circuits can be applied Other pin circuits are not applicable
2201TF-HY2B	AWG#20~18 (0.5~0.75mm ²)	1.40~1.60mm	All pin circuits can be applied
2201TLF-HY2B	AWG#24~22 (0.22~0.35mm ²)	1.10~1.30mm	All pin circuits can be applied

Note: Please refer to the crimping specification for details

Specifications :

- Voltage rating: 50V Max. AC / DC
- Current rating: 3A Max.AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance: 100M Ω Min
- Contact resistance: 20m Ω Max.
- Material(Retainer): PPE+PS UL94V-0
- Mates With SESO Terminal: 2201TXF
- Symbols "★" For SPC Dimensions
- Product Specification: PS-2201-1
- Packaging: See Drawing: PK-2201AM-2*XXX-ESXX

2201 A M - 2*XX X - ES XX
① ② ③ ④ ⑤ ⑥ ⑦

- ① Series No.
② Category: A-TPA Pre-Assembly Housing
③ Connector Type: M-Male Housing
④ Row No.-Pin No:
2*XX-Double Row 2*XXPin
⑤ Key code: Blank-Key A, B-Key B
C-Key C, D-Key D
⑥ Material: ES-PPE+PS UL94V-0
⑦ Color: GY-Gray, BK-Black, BL-Blue
BR-Brown

Poles	A	B
2*02	10.70	2.20
2*03	10.70	4.40
2*04	12.90	6.60
2*05	14.10	8.80
2*06	16.30	11.00
2*08	20.70	15.40
2*10	25.10	19.80
2*12	29.50	24.20
2*14	33.90	28.60
2*16	38.30	33.00
2*18	42.70	37.40
2*20	47.10	41.80

A

						GENERAL TOLERANCE				SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				PART NO. 2201AM-2*XXX-ESXX				
20231225	A2	ER20231110001	Update the cutout holes	Ed Zhou	Larry Yang	.X ±0.35								TITLE: 2.20mm Pitch Male Housing				
20231011	A1	ER20231011003	Add a Matching Terminal List	JianHui Zhou	Larry Yang	.XX ±0.25												
						.XXX±0.15												
						X." ±2"				APPROVAL	CHECK	DRAWN	DATE	UNIT SCALE SHEET REV NUMBER				
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT				Jack Zhang	Meng Yang	Zhonghua Liu	2022/10/26					
						 												

1

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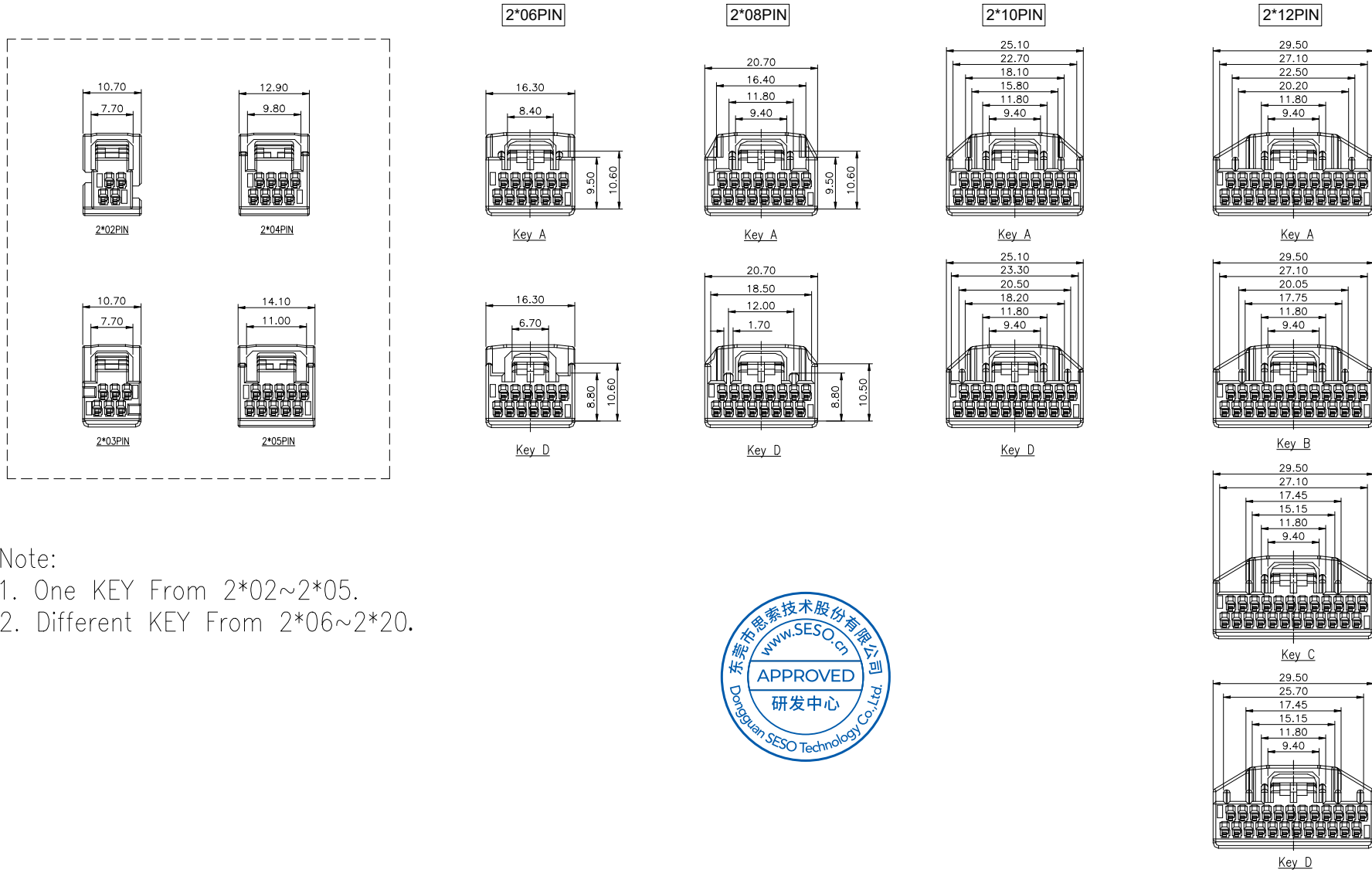
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8

A

RoHS

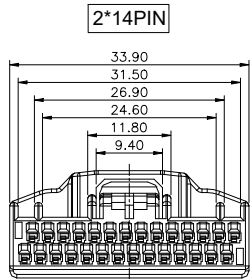
This products can apply to the SESO Doc NO. QA-3-04-005 of Environmental&Material Management Rules



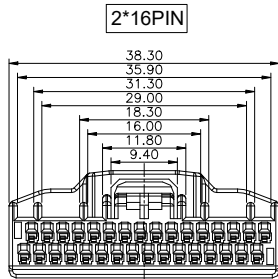
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						.X ±0.35	.XX ±0.25	.XXX±0.15	X.' ±2"									
20231225	A2	ER20231110001	Update the cutout holes	Ed Zhou	Larry Yang									TITLE: 2.20mm Pitch Male Housing				
20231011	A1	ER20231011003	Add a Matching Terminal List	JianHui Zhou	Larry Yang													
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT				Jack Zhang	Meng Yang	Zhonghua Liu	2022/10/26	UNIT	SCALE	SHEET	REV	NUMBER
														mm	1:1	2/3	A2	CD

RoHS

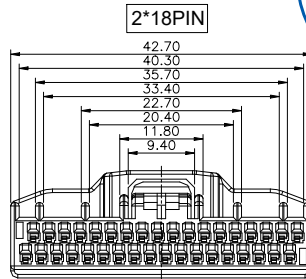
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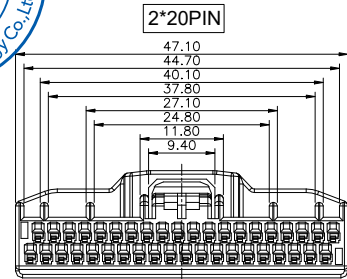
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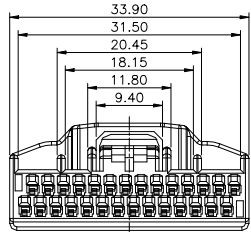
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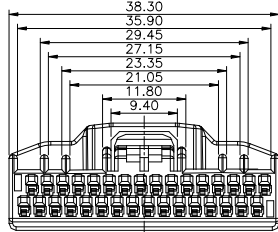
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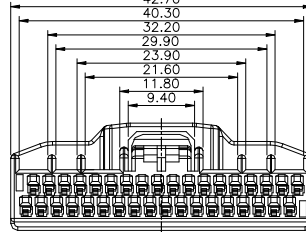
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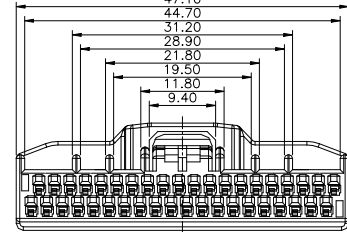
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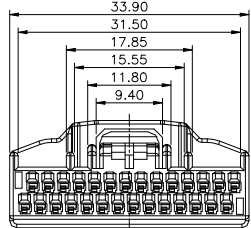
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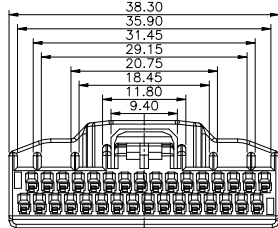
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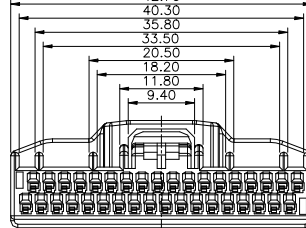
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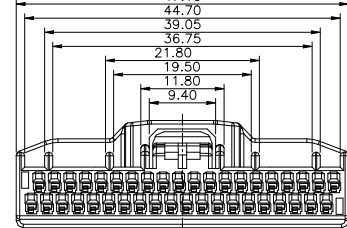
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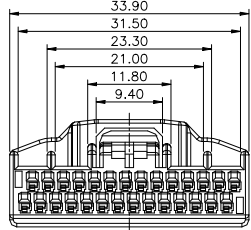
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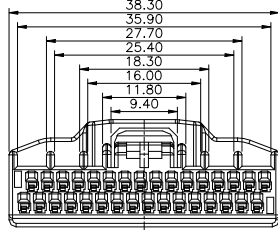
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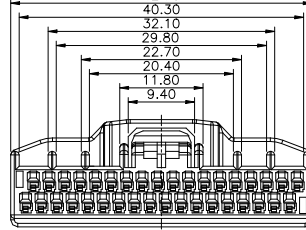
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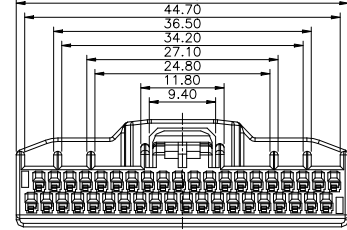
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Key D



Key D

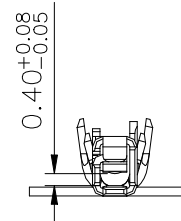
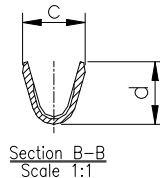
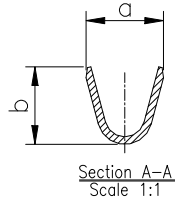
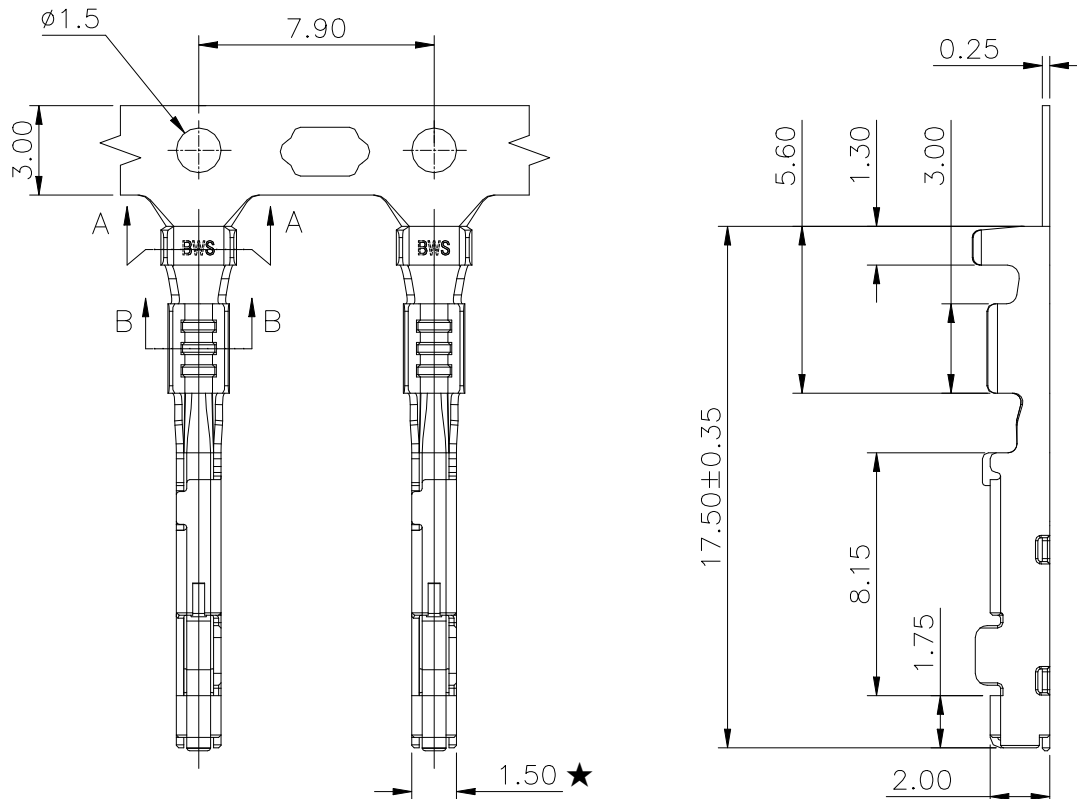


Key D

						GENERAL TOLERANCE				SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				PART NO. 2201AM-2*XXX-ESXX				
						.X ±0.35								TITLE: 2.20mm Pitch Male Housing				
						.XX ±0.25												
20231225	A2	ER20231110001	Update the cutout holes	Ed Zhou	Larry Yang	.XXX±0.15				APPROVAL	CHECK	DRAWN	DATE	UNIT mm				
20231011	A1	ER20231011003	Add a Matching Terminal List	JianHui Zhou	Larry Yang	X." ±2"												
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT 				Jack Zhang	Meng Yang	Zhonghua Liu	2022/10/26	SCALE 1:1	SHEET 3/3	REV A2	NUMBER CD	

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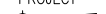
Specifications :

- Voltage rating: 50V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance:100MΩ Min
- Contact resistance: 20mΩ Max.
- Symbols “★” For SPC Dimensions
- Used In SESO Housing: 2201AM

2201 I X F- H Y2 B
① ② ③ ④ ⑤ ⑥ ⑦

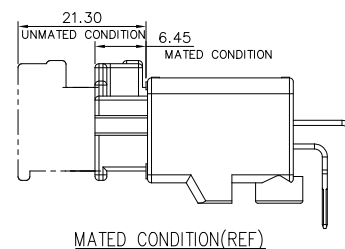
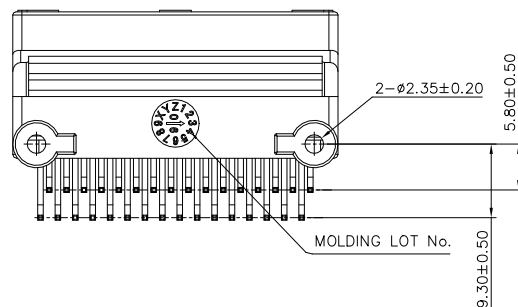
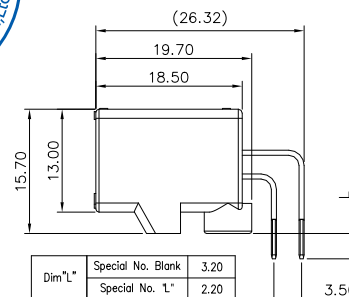
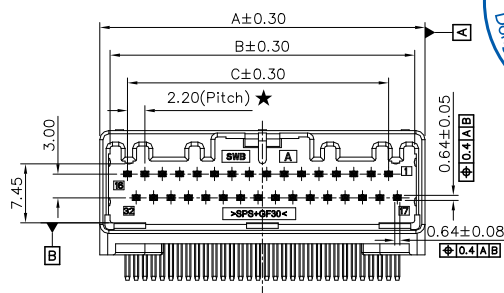
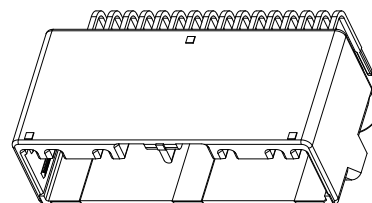
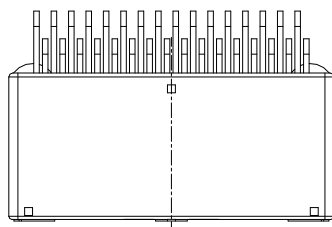
- ① Series No.
- ② Category: T-Terminal
- ③ Appearance type:
Blank-Ordinary; H-High feet; L-Low feet
- ④ F-Female Terminal
- ⑤ Material: H-Copper Alloy
- ⑥ Y2-Sn 40~120u” (1~3um)
- ⑦ B-Stamping After Plating

2201THF-HY2B	Copper Alloy	AVSS 0.85mm ²	1.80mm(Max)	2.70	2.90	2.55	3.00
2201TF-HY2B		AWG#18~20 (0.5~0.75mm ²)	1.40~1.60mm	2.70	2.70	2.50	2.45
2201TLF-HY2B		AWG#24~22 (0.22~0.35mm ²)	1.10~1.30mm	2.60	2.60	2.10	2.10
P/N	Material	Wire Size	Insulation O.D	DIM a	DIM b	DIM c	DIM d

						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. 2201TXF-HY2B								
										TITLE: 2.20mm Crimp Style Terminal								
20231011	A1	ER20231011003	Modity 0.5~0.75mm Wire OD	JianHui Zhou	Larry Yang					APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL					Jack Zhang	Meng Yang	Zhonghua Liu	2022/10/26	mm	1:1	1/1	A1	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: 50V Max. AC / DC
- Current rating: 3A Max.AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance: 100MΩ
- Contact resistance: 20mΩ Max.
- Material(Pin): Brass
- Mates With SESO Housing: 2201AM
- Symbols ★ For SPC Dimensions
- Product Specification: PS-2201-1
- Packaging: See Drawing:
PK-2201WR-2*XXXX-SSXXXXX

2201 W R - 2*XX X X- SS XXX X X
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① Series No.
- ② Category: Header
- ③ Connector Type: Horizontal 90°
- ④ Row No.-Pin No: 2*XX-Double Row 2*XXPin
- ⑤ Special No.: Blank-DIP Length 3.20mm
L-DIP Length 2.20mm
- ⑥ Key code: Blank-Key A ,B-Key B ,C-Key C ,D-Key D
- ⑦ Plastic material: SS- SPS UL94V-0
- ⑧ Plating Code: SW1-Tin Plating
Underplate: Ni 32u"~200u"(0.8um~5.0um) overall
Top Plating: Sn 24u"~150u"(0.6um~3.75um) overall
- ⑨ Color: B-Black , G-Gray , L-Blue , Z-Brown
- ⑩ Packing: G-Tube

Poles	Dimensions (mm)		
	A	B	C
2*02	10.30	8.10	2.20
2*03	13.10	11.10	4.40
2*04	15.70	13.10	6.60
2*05	16.90	14.30	8.80
2*06	19.10	16.50	11.00
2*08	23.50	20.90	15.40
2*10	27.90	25.30	19.80
2*12	32.30	29.70	24.20
2*14	36.70	34.10	28.60
2*16	41.10	38.50	33.00
2*18	45.50	43.00	37.40
2*20	49.90	47.40	41.80

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

Jason Huang

CHECK

Meng Yang

DRAWN

Zhonghua Liu

DATE

2022/10/26

PART NO.

2201WR-2*XXXX-SSXXXXX

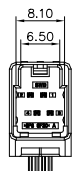
TITLE:

2.20mm Pitch Header
ASSY Horizontal 90° DIP

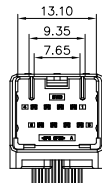
UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/3	A0	CD

RoHS

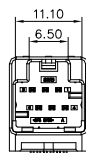
This products can apply to the SESO Doc NO. QA-3-04-005
of Environmental&Material Management Rules



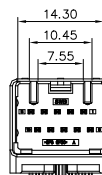
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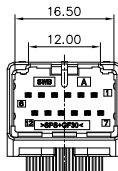
2*04PIN



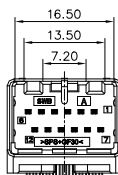
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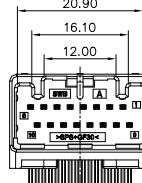
2*05PIN



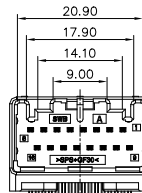
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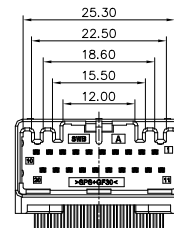
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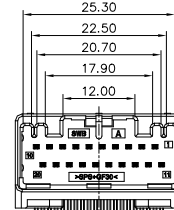
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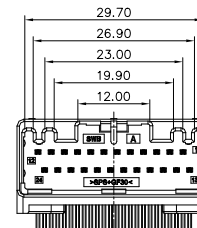
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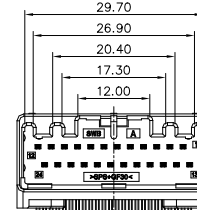
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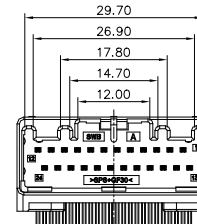
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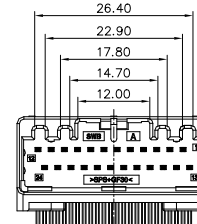
Key A



Key B



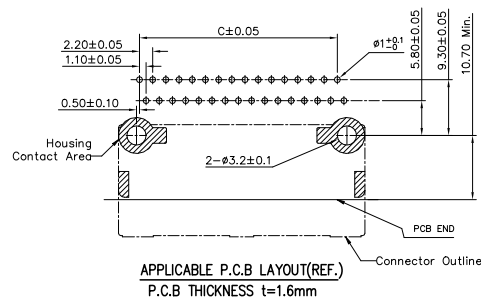
Key C



Key D

Note:

1. One KEY From 2*02~2*05.
2. Different KEY From 2*06~2*20.



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

Jason Huang

CHECK

Meng Yang

DRAWN

Zhonghua Liu

DATE

2022/10/26

PART NO.

2201WR-2*XXX-SSXXXX

TITLE:

2.20mm Pitch Header
ASSY Horizontal 90° DIP

UNIT

mm

SCALE

1:1

SHEET

2/3

REV

A0

NUMBER

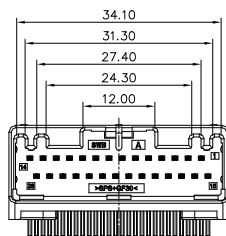
CD

RoHS

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

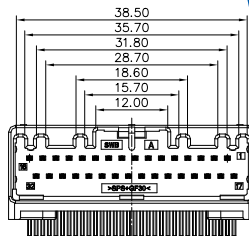


2*14PIN



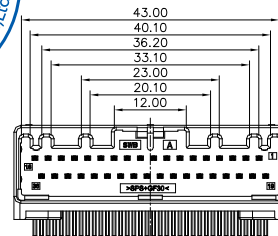
Key A

2*16PIN



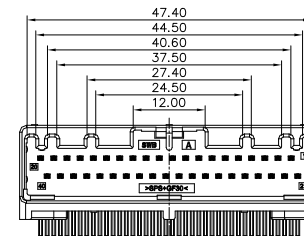
Key A

2*18PIN

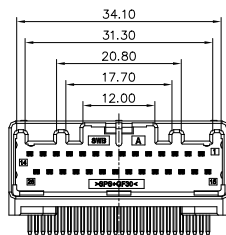


Key A

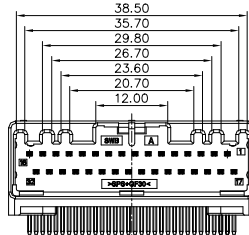
2*20PIN



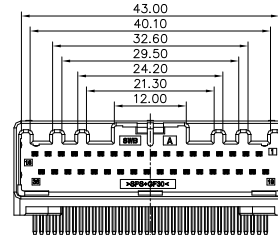
Key A



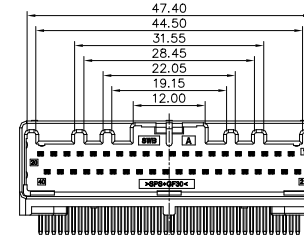
Key B



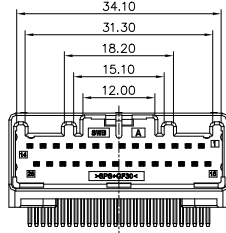
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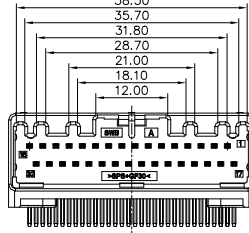
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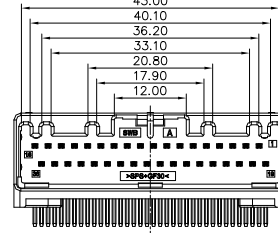
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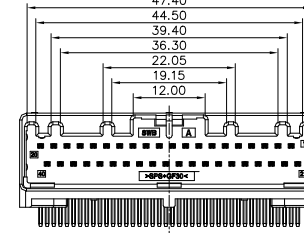
Key C



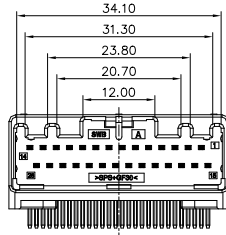
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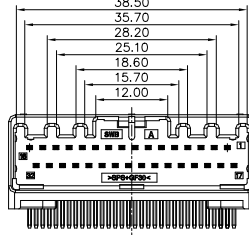
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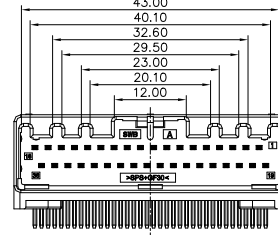
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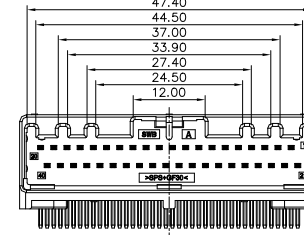
Key D



Key D



Key D



Key D

GENERAL TOLERANCE

.X ± 0.35

.XX ± 0.25

.XXX ± 0.15

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

Jason Huang

CHECK

Meng Yang

DRAWN

Zhonghua Liu

DATE

2022/10/26

PART NO.

2201WR-2*XXXX-SSXXXXX

TITLE:

2.20mm Pitch Header
ASSY Horizontal 90° DIP

UNIT

mm

SCALE

1:1

SHEET

3/3

REV

A0

NUMBER

CD

DATE

REV

ECN NO.

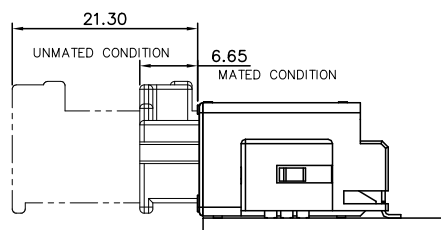
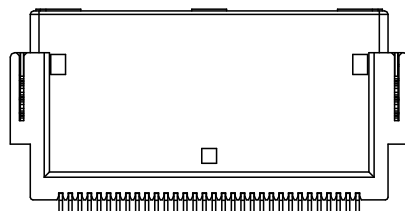
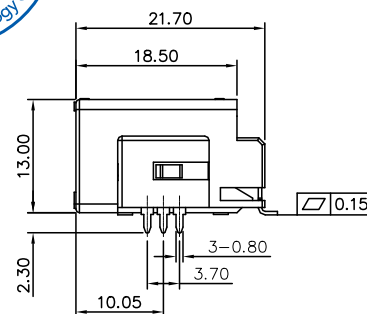
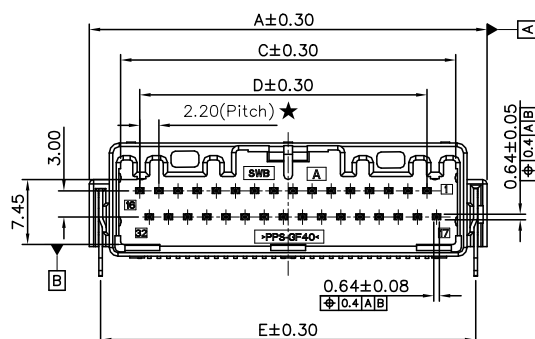
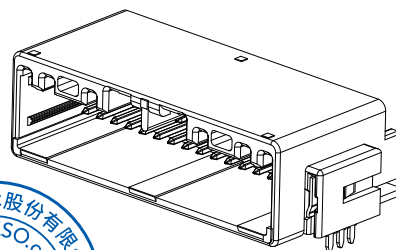
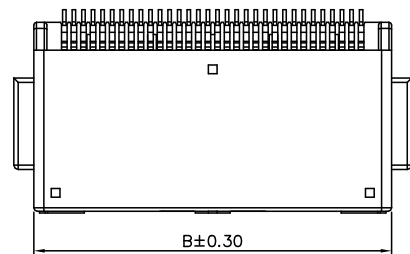
DESCRIPTION

MODIFY

APPROVAL

RoHS

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



MATED CONDITION(REF)

■ Specifications :

- Voltage rating: 50V Max. AC / DC
- Current rating: 3A Max.AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance: 100MΩ
- Contact resistance: 20mΩ Max.
- Material(Pin): Brass
- Mates With SESO Housing: 2201AM
- Symbols "★" For SPC Dimensions
- Product Specification: PS-2201-01
- Packaging: See Drawing PK-2201WRS-2*XXCX-PPXXXXX

2201 W R S - 2*XX C X- PP XXX X X
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪

- ① Series No.
② Category: Header
③ Connector Type: Horizontal 90°
④ S-SMT TYPE
⑤ Row No.-Pin No: 2*XX-Double Row 2*XXPin
⑥ Special No.: C-With Hold down
⑦ Key code: Blank-Key A ,B-Key B ,C-Key C ,D-Key D
⑧ Plastic material: PP- PPS UL94V-0
⑨ Plating Code: SW1-Tin Plating
Underplate: Ni 32u"~200u"(0.8um~5.0um) overall
Top Plating: Sn 24u"~150u"(0.6um~3.75um) overall
⑩ Color: B-Black , G-Gray , L-Blue , Z-Brown
⑪ Packing: T-Tray Package

Poles	Dimensions (mm)				
	A	B	C	D	E
2*02	14.90	10.30	8.10	2.20	12.20
2*03	17.70	13.10	11.10	4.40	15.00
2*04	20.30	15.70	13.10	6.60	17.60
2*05	21.50	16.90	14.30	8.80	18.80
2*06	23.70	19.10	16.50	11.00	21.10
2*08	28.10	23.50	20.90	15.40	25.50
2*10	32.50	27.90	25.30	19.80	29.90
2*12	36.90	32.30	29.70	24.20	34.30
2*14	41.30	36.70	34.10	28.60	38.70
2*16	45.70	41.10	38.50	33.00	43.10
2*18	50.10	45.50	43.00	37.40	47.50
2*20	54.50	49.90	47.40	41.80	51.90

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

Jason Huang

CHECK

Meng Yang

DRAWN

Zhonghua Liu

DATE

2022/10/26

PART NO.

2201WRS-2*XXCX-PPXXXXX

TITLE:

2.20mm Pitch Header
ASSY Horizontal 90° SMT

UNIT

mm

SCALE

1:1

SHEET

1/3

REV

A0

NUMBER

CD

DATE

REV

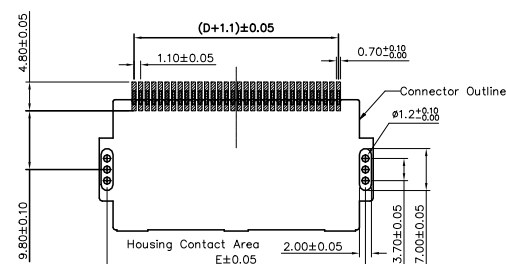
ECN NO.

DESCRIPTION

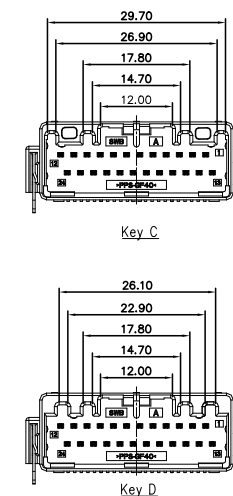
MODIFY

APPROVAL

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



APPLICABLE P.C.B LAYOUT(REF.)
General Tolerance ± 0.05 t=1.6mm
RECOMMENDED SOLDER THICKNESS IS 0.15mm



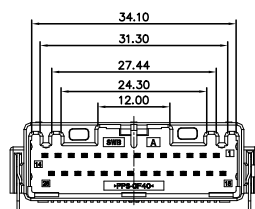
						GENERAL TOLERANCE	SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				PART NO.				
						.X ±0.35					2201WRS-2*XXCX-PPXXXXX				
						.XX ±0.25					TITLE: 2.20mm Pitch Header ASSY Horizontal 90° SMT				
						.XXX±0.15									
						X.* ±2°	APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT 	Jason Huang	Meng Yang	Zhonghua Liu	2022/10/26	mm	1:1	2/3	A0	CD

RoHS

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

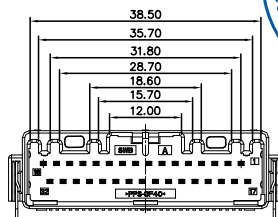


2*14PIN



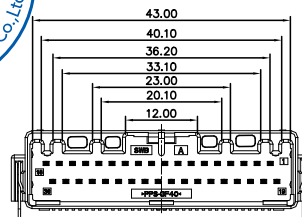
Key A

2*16PIN



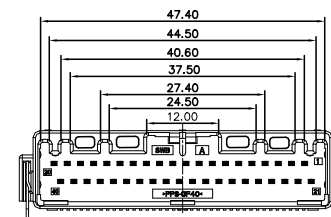
Key A

2*18PIN

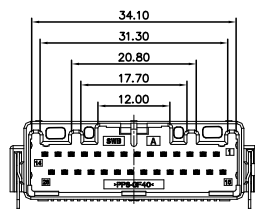


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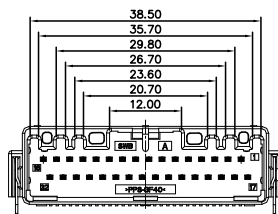
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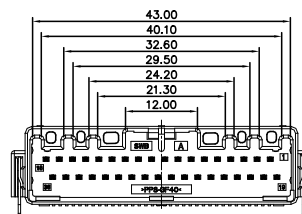
Key A



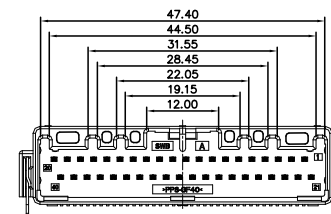
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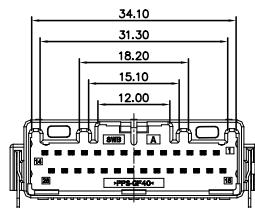
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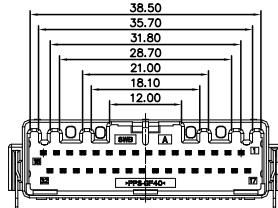
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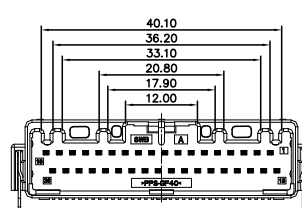
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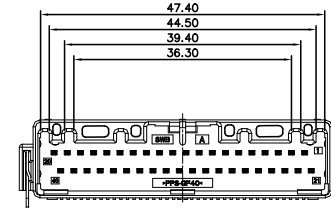
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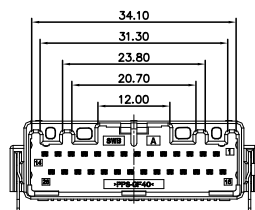
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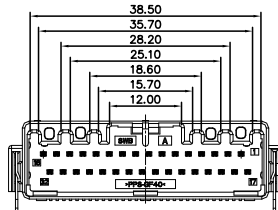
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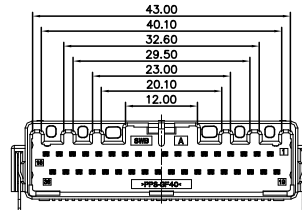
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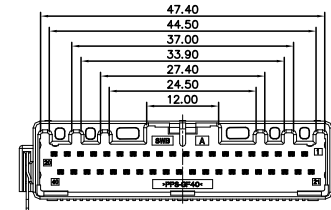
Key D



Key D



Key D



Key D

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

Jason Huang

CHECK

Meng Yang

DRAWN

Zhonghua Liu

DATE

2022/10/26

PART NO.

2201WRS-2*XXCX-PPXXXXX

TITLE:

2.20mm Pitch Header
ASSY Horizontal 90° SMT

UNIT

mm

SCALE

1:1

SHEET

3/3

REV

A0

NUMBER

CD

DATE

REV

ECN NO.

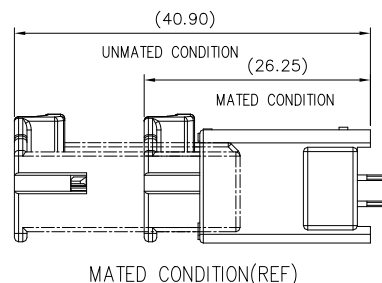
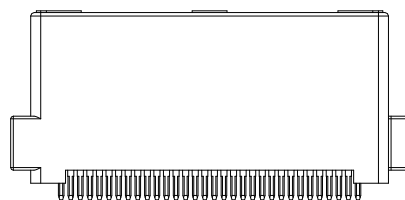
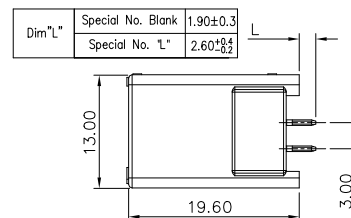
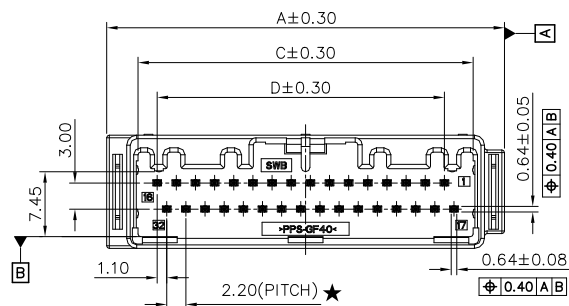
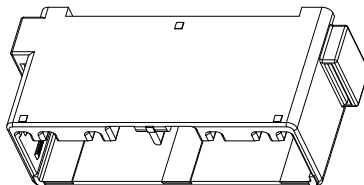
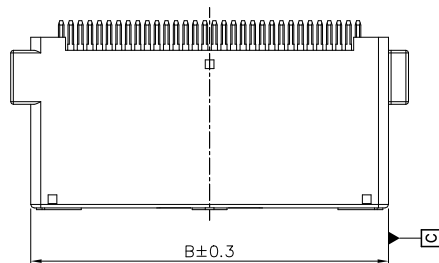
DESCRIPTION

MODIFY

APPROVAL

RoHS

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



■ Specifications :

- Voltage rating: 50V Max. AC / DC
- Current rating: 3A Max.AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance: 100MΩ
- Contact resistance: 20mΩ Max
- Material(Pin): Brass
- Mates With SESO Housing: 2201AM
- Symbols "★" For SPC Dimensions
- Product Specification: PS-2201-01
- Packaging: See Drawing:PK-2201WV-2*XXX-PPSW1BG

2201 W V - 2*XX X X - PP XXX X X
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① Series No.
② Category: Wafer
③ Connector Type: Vertical 180°
④ Row No.-Pin No: 2*XX-Double Row 2*XXPin
⑤ Special No.: Blank-DIP Length 1.90mm
L-DIP Length 2.60mm
⑥ Key code:Blank-Key A ,B-Key B ,C-Key C ,D-Key D
⑦ Plastic material: PP- PPS UL94V-0
⑧ Plating Code: SW1-Tin Plating
Underplate:Ni 32u"~200u"(0.8um~5.0um) overall
Top Plating:Sn 24u"~150u"(0.6um~3.75um) overall
⑨ Color: B-Black , G-Gray , L-Blue , Z-Brown
⑩ Packing: G-Tube

Poles	Dimensions (mm)			
	A	B	C	D
2*02	14.90	10.30	8.10	2.20
2*03	17.70	13.10	11.10	4.40
2*04	20.30	15.70	13.10	6.60
2*05	21.50	16.90	14.30	8.80
2*06	23.70	19.10	16.50	11.00
2*08	28.10	23.50	20.90	15.40
2*10	32.50	27.90	25.30	19.80
2*12	36.90	32.30	29.70	24.20
2*14	41.30	36.70	34.10	28.60
2*16	45.70	41.10	38.50	33.00
2*18	50.10	45.50	43.00	37.40
2*20	54.50	49.90	47.40	41.80

GENERAL TOLERANCE

.X ±0.35

.XX ±0.25

.XXX±0.15

X* ±2°

PROJECT

PROJECT

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

APPROVAL

Jason Huang

CHECK

Meng Yang

DRAWN

Zhonghua Liu

DATE

2022/10/26

PART NO.

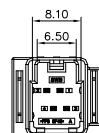
2201WV-2*XXXX-PPXXXXX

TITLE: 2.20mm Pitch Header
ASSY Vertical 180° DIP

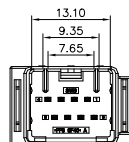
UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/3	A0	CD

RoHS

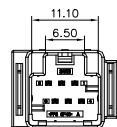
This products can apply to the SESO Doc NO. QA-3-04-005
of Environmental&Material Management Rules



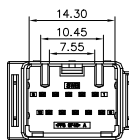
2*02PIN



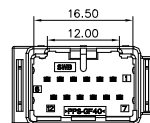
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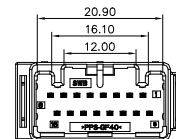
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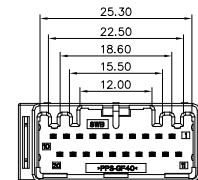
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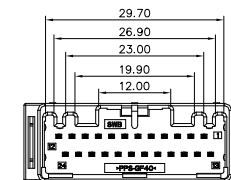
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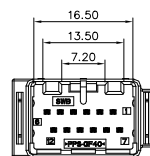
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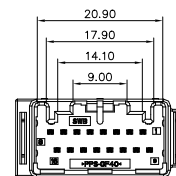
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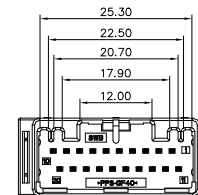
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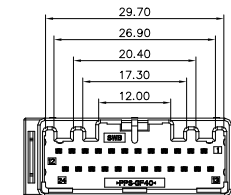
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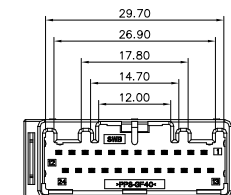
Key D



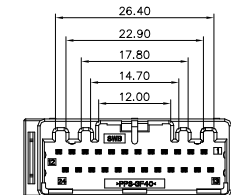
Key D



Key B



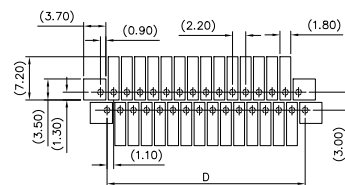
Key C



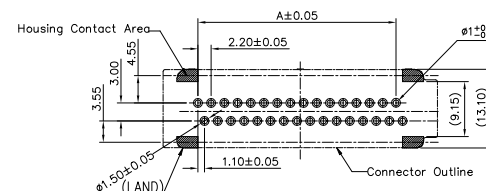
Key D

Note:

1. One KEY From 2*02~2*05.
2. Different KEY From 2*06~2*20.



METAL MASK DIMENSIONS(REF)
MASK THICKNESS T=0.15mm



APPLICABLE P.C.B LAYOUT(REF.)
P.C.B THICKNESS t=1.6mm
RECOMMENDED SOLDER THICKNESS IS 0.15mm

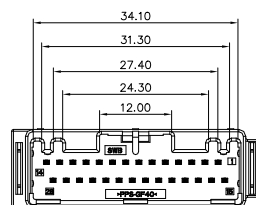
GENERAL TOLERANCE						PART NO.			
.X ±0.35						2201WV-2*XXXX-PPXXXX			
.XX ±0.25						TITLE: 2.20mm Pitch Header			
.XXX±0.15						ASSY Vertical 180° DIP			
X* ±2°						UNIT	SCALE	SHEET	REV
PROJECT						mm	1:1	2/3	A0
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	APPROVAL	CHECK	DRAWN	DATE
						Jason Huang	Meng Yang	Zhonghua Liu	2022/10/26

RoHS

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

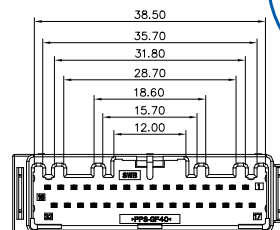


2*14PIN



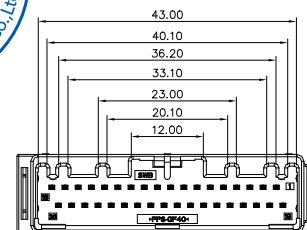
Key A

2*16PIN



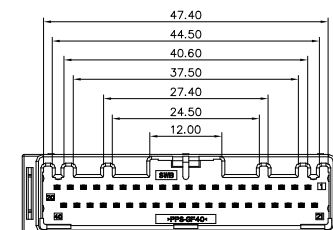
Key A

2*18PIN



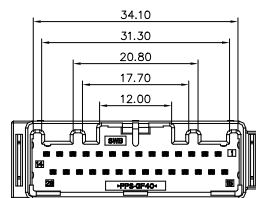
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2*20PIN



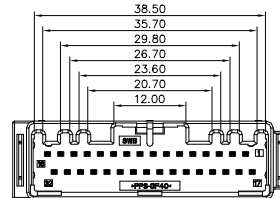
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2*14PIN



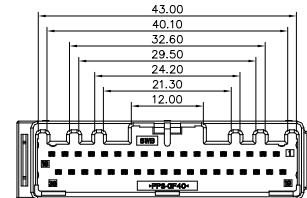
Key B

2*16PIN



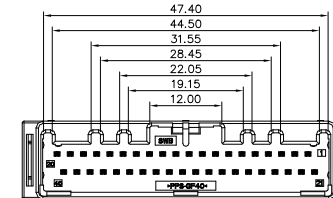
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2*18PIN



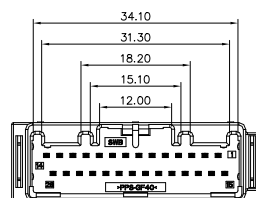
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2*20PIN



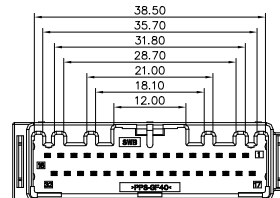
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2*14PIN



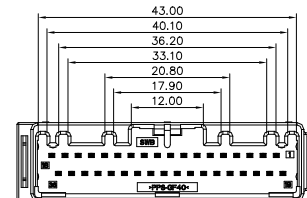
Key C

2*16PIN



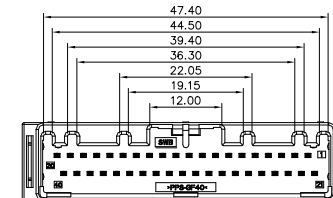
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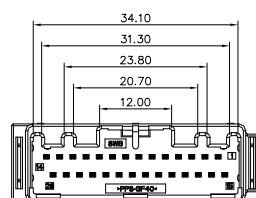
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2*20PIN



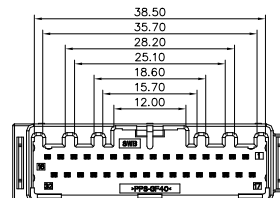
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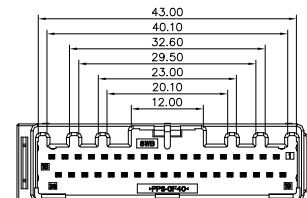
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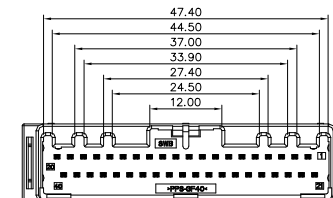
Key D

2*18PIN



Key D

2*20PIN



Key D

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

Jason Huang

CHECK

Meng Yang

DRAWN

Zhonghua Liu

DATE

2022/10/26

PART NO.

2201WV-2*XXXX-PPXXXX

TITLE: 2.20mm Pitch Header
ASSY Vertical 180° DIP

UNIT

mm

SCALE

1:1

SHEET

3/3

REV

A0

NUMBER

CD

DATE

REV

ECN NO.

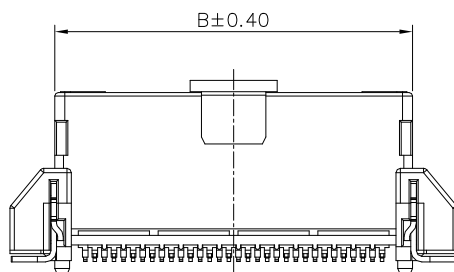
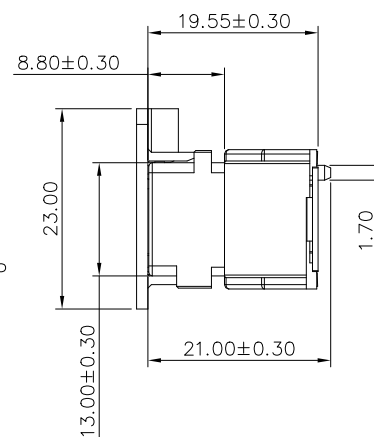
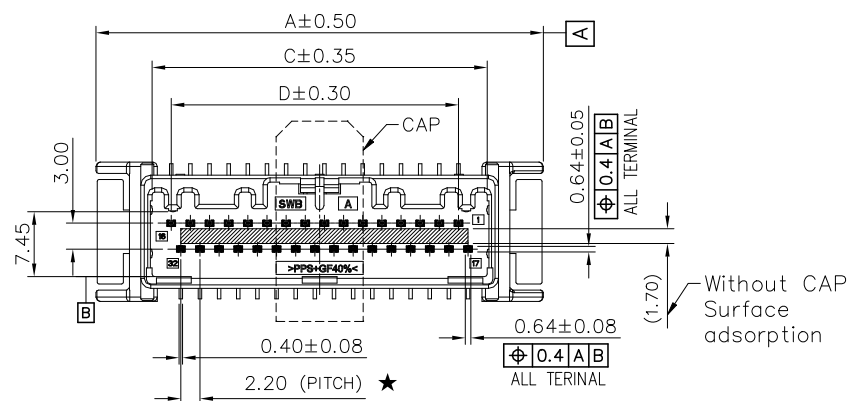
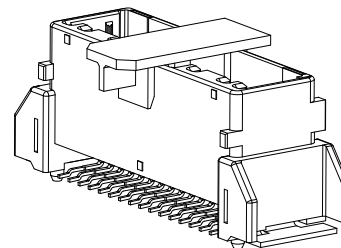
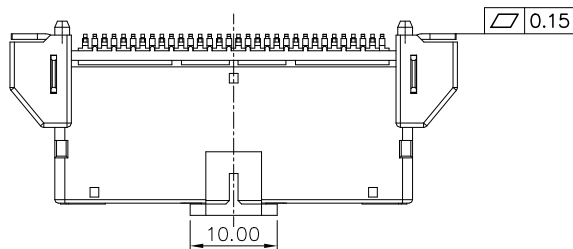
DESCRIPTION

MODIFY

APPROVAL

RoHS

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



■ Specifications :

- Voltage rating: 50V Max. AC / DC
- Current rating: 3A Max.AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -40℃~+125℃
- Insulation resistance: 100MΩ
- Contact resistance: 20mΩ Max.
- Material(Pin): Brass
- Mates With SESO Housing: 2201AM
- Symbols "★" For SPC Dimensions
- Product Specification: PS-2201-01
- Packaging: See Drawing PK-2201WVS-2*XXXX-PPXXXXX

2201 W V S - 2*XX X X- PP XXX X X
① ②③④ ⑤ ⑥⑦ ⑧ ⑨ ⑩⑪

- ① Series No.
② Category: Headerr
③ Connector Type: Vertical 180°
④ S-SMT TYPE
⑤ Row No.-Pin No: 2*XX-Double Row 2*XXPin
⑥ Special No.: P-with post
⑦ Key code: Blank-Key A ,B-Key B ,C-Key C ,D-Key D
⑧ Plastic material: PP- PPS UL94V-0
⑨ Plating Code: SW1-Tin Plating
Underplate: Ni 32u"~200u"(0.8um~5.0um) overall
Top Plating: Sn 24u"~150u"(0.6um~3.75um) overall
⑩ Color: B-Black , G-Gray , L-Blue , Z-Brown
⑪ Packing: T-Without CAP and Tray Package
Y-With CAP and Tray Package

Poles	A	B	C	D	E	F
2*02	20.60	10.30	8.10	2.20	8.60	22.30
2*03	22.80	13.10	11.10	4.40	10.80	24.50
2*04	25.00	15.70	13.10	6.60	13.00	26.70
2*05	27.20	16.90	14.30	8.80	15.20	28.90
2*06	29.40	19.10	16.50	11.00	17.40	31.10
2*08	33.80	23.50	20.90	15.40	21.80	35.50
2*10	38.20	27.90	25.30	19.80	26.20	39.90
2*12	42.60	32.30	29.70	24.20	30.60	44.30
2*14	47.00	36.70	34.10	28.60	35.00	48.70
2*16	51.40	41.10	38.50	33.00	39.40	53.10
2*18	55.80	45.50	42.90	37.40	43.80	57.50
2*20	60.20	49.90	47.30	41.80	48.20	61.90

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

Jason Huang

CHECK

Meng Yang

DRAWN

Zhonghua Liu

DATE

2022/10/26

PART NO.

2201WVS-2*XXXX-PPXXXXX

TITLE:

2.20mm Pitch Header
ASSY Vertical 180° SMT

UNIT

mm

SCALE

1:1

SHEET

1/3

REV

A0

NUMBER

A-000

DATE

REV

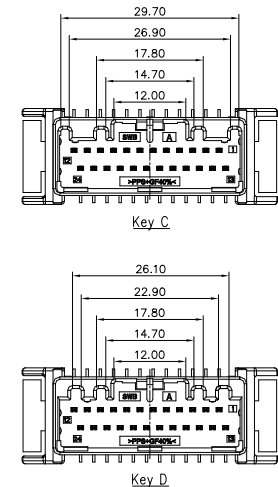
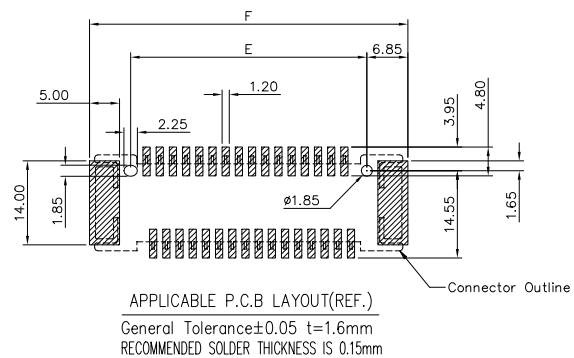
ECN NO.

DESCRIPTION

MODIFY

APPROVAL

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



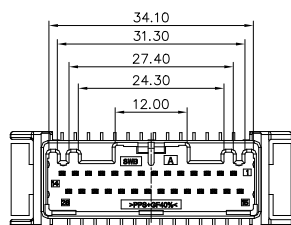
						GENERAL TOLERANCE	SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				PART NO. 2201WVS-2*XXX-PPXXXX									
						.X ±0.35					APPROVAL CHECK DRAWN DATE					TITLE: 2.20mm Pitch Header ASSY Vertical 180° SMT				
						.XX ±0.25														
						.XXX±0.15														
						X* ±2*					UNIT	SCALE	SHEET	REV	NUMBER					
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT 	Jason Huang	Meng Yang	Zhonghua Liu	2022/10/26	mm	1:1	2/3	A0	A-000					

RoHS

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

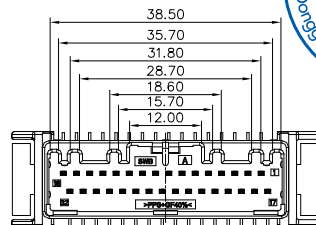


2*14PIN



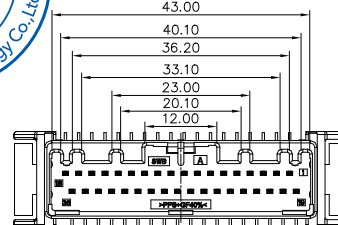
Key A

2*16PIN



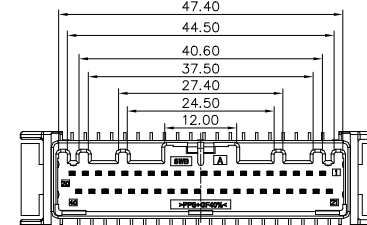
Key A

2*18PIN

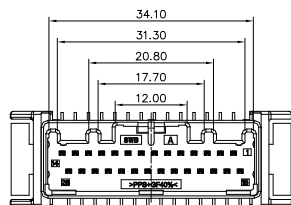


Key A

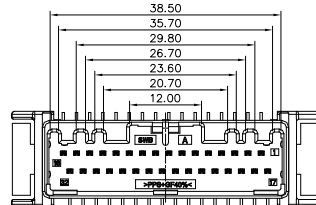
2*20PIN



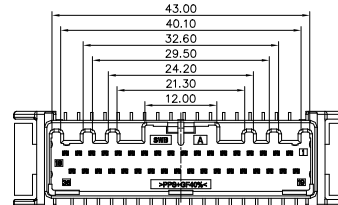
Key A



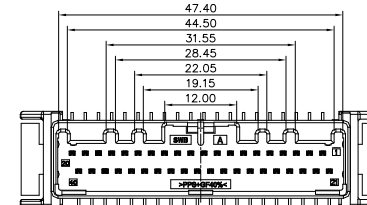
Key B



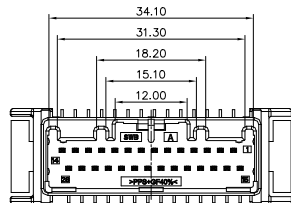
Key B



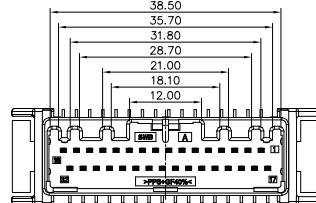
Key B



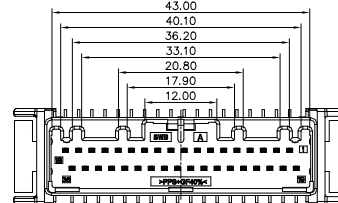
Key B



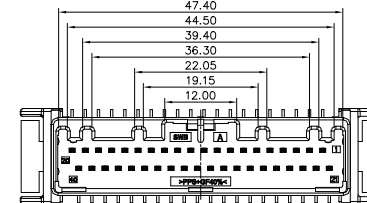
Key C



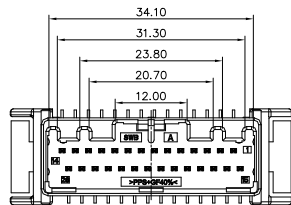
Key C



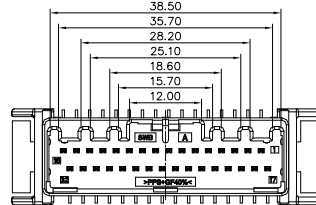
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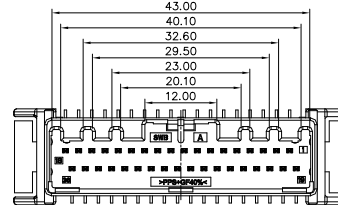
Key C



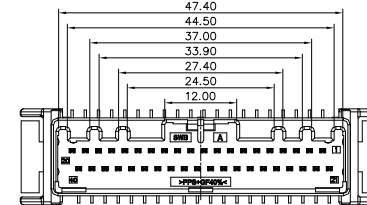
Key D



Key D



Key D



Key D

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

Jason Huang

CHECK

Meng Yang

DRAWN

Zhonghua Liu

DATE

2022/10/26

PART NO.

2201WVS-2*XXXX-PPXXXXX

TITLE:

2.20mm Pitch Header
ASSY Vertical 180° SMT

UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	3/3	A0	A-000