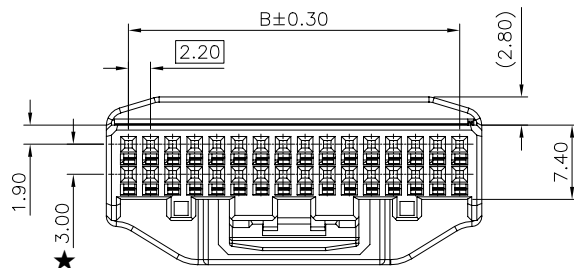
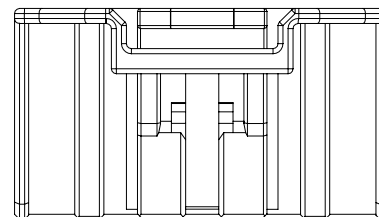
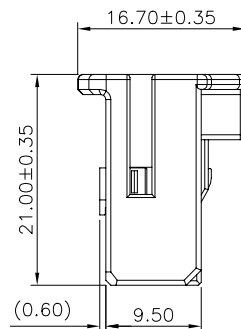
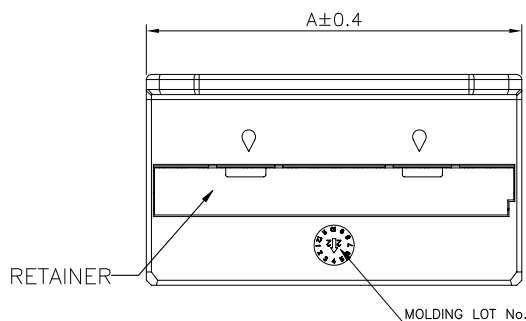
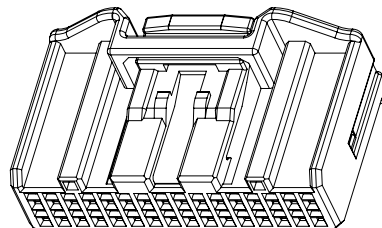
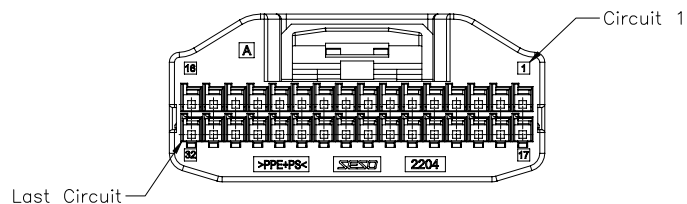


RoHS

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
- Material(Retainer): PPE+PS UL94V-0
- Mates With SESO Terminal: 2204TXF
- Symbols "★" For SPC Dimensions
- Product Specification: PS-2204-01
- Packaging: See Drawing: PK-2204AM-2*XX-ESXX

2204 A M - 2*XX - ES XX

① ② ③ ④ ⑤ ⑥

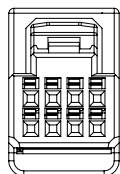
- ① Series No.
- ② Category: A-TPA Pre-Assembly Housing
- ③ Connector Type: M-Male Housing
- ④ Row No.-Pin No: 2xXX-Double Row
- ⑤ Material: ES-PPE+PS UL94V-0
- ⑥ Color: WH-White

Poles	A	B
2*04	11.00	6.60
2*06	15.40	11.00
2*08	19.80	15.40
2*12	28.60	24.20
2*14	33.00	28.60
2*16	37.40	33.00
2*20	46.20	41.80

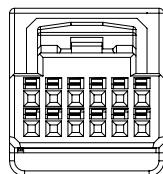
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						.X ±0.35															
						.XX ±0.25															
						.XXX±0.15				APPROVAL				CHECK	DRAWN	DATE	TITLE 2.20mm Pitch Male Housing				
20221026	X0	/	Initial release	/	Larry Yang	X: ±2"											UNIT				
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT 				Jack Zhang	Larry Yang	Zhonghua Liu	2022/10/26	mm	1:1	1/2	X0	CD			

RoHS

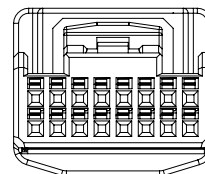
This products can apply to the SESO Doc NO. QA-3-04-005
of Environmental&Material Management Rules



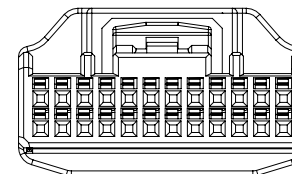
2*04PIN



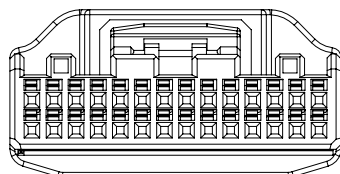
2*06PIN



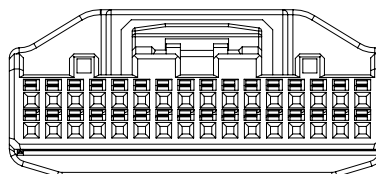
2*08PIN



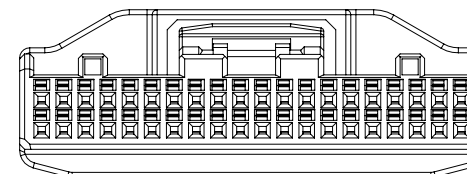
2*12PIN



2*14PIN



2*16PIN

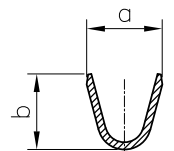
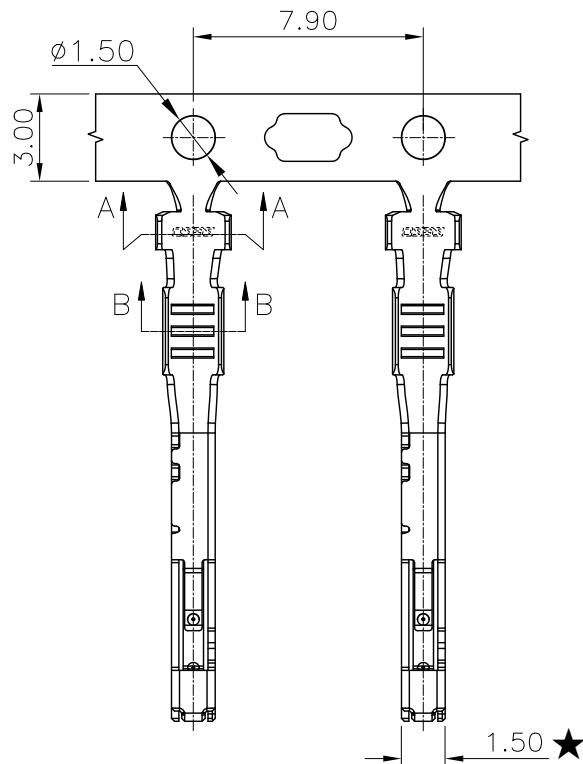


2*20PIN

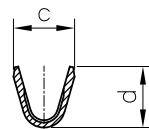
						GENERAL TOLERANCE		SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				PART NO. 2204AM-2*XX-ESXX			
						.X ±0.35						TITLE 2.20mm Pitch Male Housing			
20221026	X0	/	Initial release	/	Larry Yang	.XX ±0.25		APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	.XXX±0.15		Jack Zhang				mm	1:1	2/2	X0
						X.' ±2"		Larry Yang							
						PROJECT		Zhonghua Liu							
								2022/10/26							

RoHS

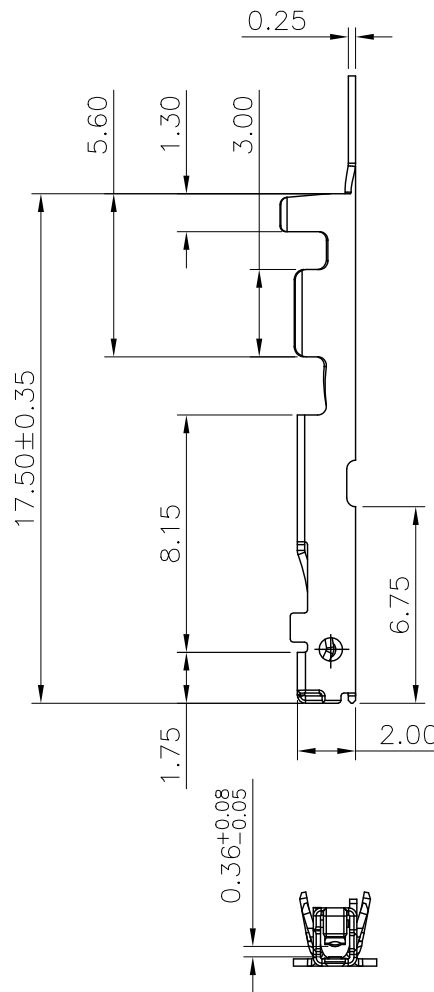
This products can apply to the SESO Doc NO. QA-3-04-005
of Environmental&Material Management Rules



Section A-A
Scale 1:1



Section B-B
Scale 1:1



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: $\geq 100M\Omega$
- Contact resistance: $\leq 20m\Omega$
- Symbols "★" For SPC Dimensions
- Mates With SESO Housing: 2204AM

2204 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; L-Low feet
④ F-Female Terminal
⑤ Material: H-Copper Alloy
⑥ Y2-Sn 40~120u" (1~3um)
⑦ B-Stamping After Plating



2204TF-HY2B	Copper Alloy	AWG#20 (0.5mm ²)	1.60~1.80mm	2.70	2.70	2.50	2.45
2204TLF-HY2B		AWG#24~22 (0.22~0.35mm ²)	1.20~1.60mm	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				SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				PART NO. 2204TXF-HY2B								
						.X ±0.35								TITLE 2.20mm Pitch Female Terminal								
						.XX ±0.25																
						.XXX±0.15				APPROVAL				CHECK	DRAWN	DATE	UNIT SCALE SHEET REV NUMBER					
20221126	X0	/	Initial release	/	Larry Yang	X." ±2"				PROJECT				Jason Huang	Yangmeng	Joshua Liu	2022/11/26	mm	1:1	1/1	X0	CD
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL																	

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

RoHS

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



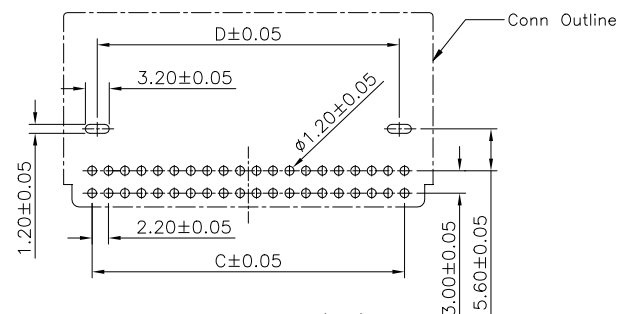
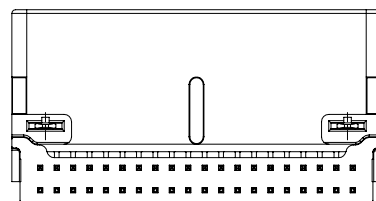
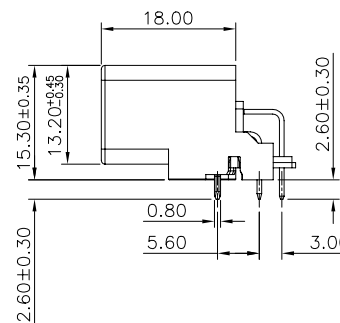
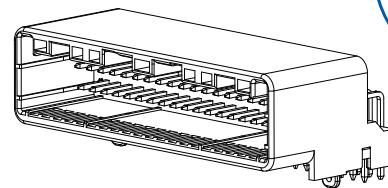
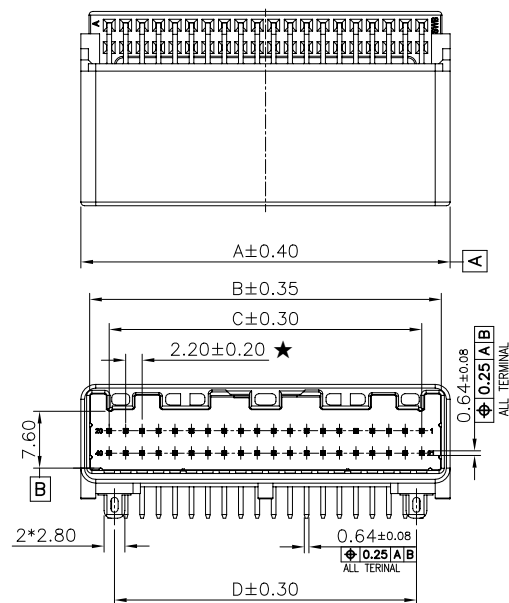
■ Specifications :

- 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: $\geq 100\text{M}\Omega$
- Contact resistance: $\leq 20\text{m}\Omega$
- Material(Pin): Brass
- Mates With SESO Housing: 2204AM
- Symbols "★" For SPC Dimensions
- Product Specification: PS-2204-01
- Packaging: See Drawing:
PK-2204WR-2*XXHF-10TSRXT

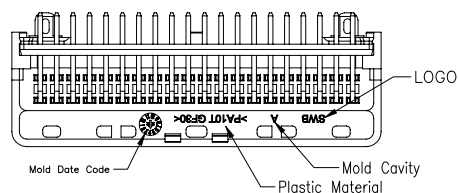
2204 W R - 2*XX HF- 10T SR X T
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- ① Series No.
② Category: W-Wafer
③ Connector Type: Right Angle 90°
④ Row No.-Pin No: 2xXX-Double Row 2xXXPin
⑤ Special No.: HF-Halogen Free.
⑥ Plastic material: 10T- PA10T UL94V-0
⑦ Plating Code:
SR-Underplate: Ni 32u"~200u"(0.8um~5.0um) overall
Top Plating: Sn 24u"~150u"(0.6um~3.75um) overall
⑧ Color: N-Natural , B-Black
⑨ Packing: T-Tray

Poles	A	B	C	D
2*04	14.20	11.95	6.60	8.76
2*06	18.60	16.35	11.00	9.60
2*16	40.60	38.25	33.00	31.60
2*20	49.40	47.05	41.80	40.40



APPLICABLE P.C.B LAYOUT(REF.)
P.C.B THICKNESS t=1.6mm

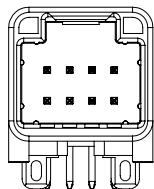


20230407	X2	/	Add 2*04P Drawing	Joshua	Yangmeng	GENERAL TOLERANCE .X ±0.35 .XX ±0.25 .XXX±0.15 X.' ±2" PROJECT 	SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.							
20221130	X1	/	Modify drawing	Joshua	Yangmeng									
20220723	X0	/	Initial release	/	Zou Hong									
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL									

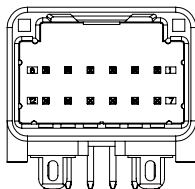
PART NO. 2204WR-2*XXHF-10TSRXT				
TITLE 2.20mm Pitch WAFER ASSY Right Angle 90° DIP				
UNIT mm	SCALE 1:1	SHEET 1/2	REV X2	NUMBER CD

RoHS

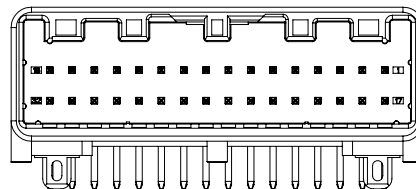
This products can apply to the SESO Doc NO. QA-3-04-005 of Environmental&Material Management Rules



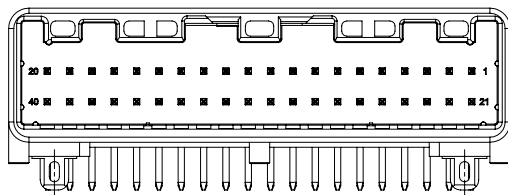
2*04PIN



2*06PIN



2*16PIN



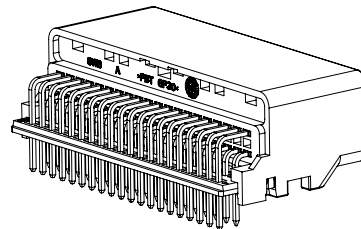
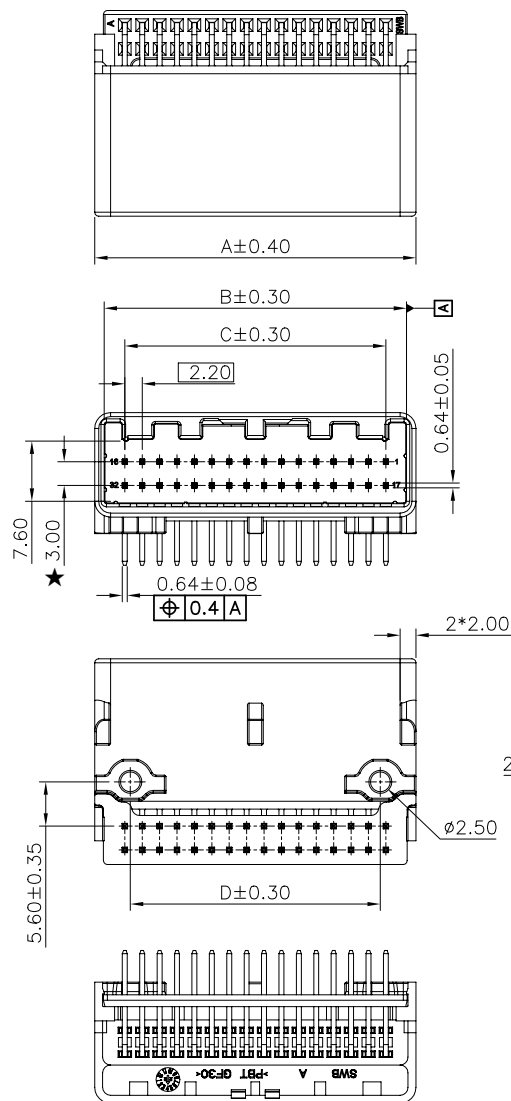
2*20PIN



20230407	X2	/	Add 2*04P Drawing	Joshua	Yangmeng	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. 2204WR-2*XXHF-10TSRXT				
20221130	X1	/	Modity Drawing	Joshua	Yangmeng					TITLE 2.20mm Pitch WAFER ASSY Right Angle 90° DIP				
20220723	X0	/	Initial release	/	Zou Hong					APPROVAL				
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL					DATE				
						APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
						Jason Huang	Zouhong	Joshua Liu	2021/07/23	mm	1:1	2/2	X2	CD

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: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$
- Insulation resistance: $\geq 100\text{M}\Omega$
- Contact resistance: $\leq 20\text{m}\Omega$
- Material(Pin): Brass
- Mates With SESO Housing: 2204AM
- Symbols "★" For SPC Dimensions
- Product Specification: PS-2204-01
- Packaging: See Drawing:
PK-2204WR-2*XXS-PTSRXT

2204 W R - 2*XX S - PT SR X I
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- ① Series No.
- ② Category: W-Wafer
- ③ Connector Type: Right Angle 90°
- ④ Row No.-Pin No: 2xXX-Double Row 2xXXPin
- ⑤ Special No.: S-Screw Type
- ⑥ Plastic material: PT-PBT+GF30%
- ⑦ Plating Code:
SR-Underplate: Ni $32\text{u} \sim 200\text{u}$ (0.8um~5.0um) overall
Top Plating: Sn $24\text{u} \sim 150\text{u}$ (0.6um~3.75um) overall
- ⑧ Color: N-Natural , B-Black
- ⑨ Packing: T-Tray

Poles	A	B	C	D
2*04	14.20	11.85	6.60	5.20
2*06	18.60	16.25	11.00	9.60
2*08	23.00	20.65	15.40	14.00
2*12	31.80	29.45	24.20	22.80
2*14	36.20	33.85	28.60	27.20
2*16	40.60	38.25	33.00	31.60
2*20	49.40	47.05	41.80	40.40

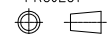
A

DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL
20230217	X1	/	Modity Cutting Hole	Joshua Liu	Yangmeng
20221126	X0	/	Initial release	/	Zou Hong

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

Jason Huang Yangmeng Joshua Liu 2022/11/26

PART NO.
2204WR-2*XXS-PTSRXT

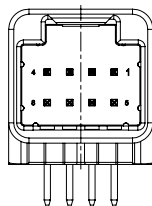
TITLE
2.20mm Pitch WAFER
ASSY Right Angle 90° DIP

UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/2	X1	CD

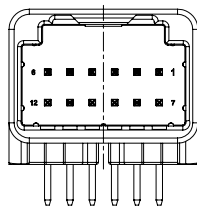
A

RoHS

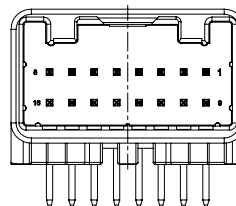
This products can apply to the SESO Doc NO. QA-3-04-005
of Environmental&Material Management Rules



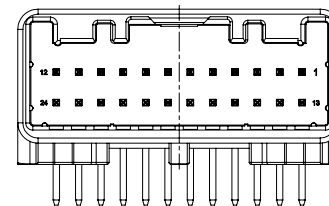
2*4PIN



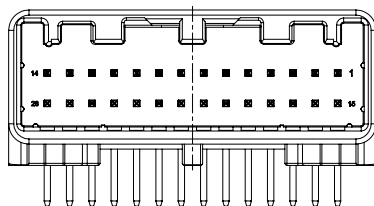
2*6PIN



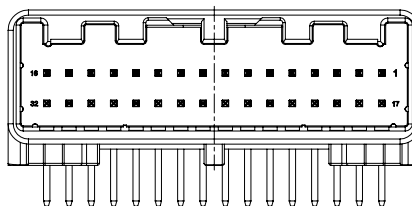
2*8PIN



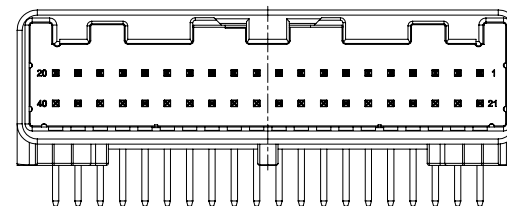
2*12PIN



2*14PIN



2*16PIN



2*20PIN

						GENERAL TOLERANCE		SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				PART NO. 2204WR-2*XXS-PTSRXT				
						.X	±0.35					TITLE 2.20mm Pitch WAFER ASSY Right Angle 90° DIP				
20230217	X1	/	Modity Cutting Hole	Joshua Liu	Yangmeng	.XX	±0.25	APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
20221126	X0	/	Initial release	/	Zou Hong	.XXX	±0.15					mm	1:1	2/2	X1	CD
						X: ±2°	PROJECT									
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL			Jason Huang	Yangmeng	Joshua Liu	2022/11/26					

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



- Voltage rating: 50V Max. AC / DC
- Current rating: 3A Max. AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$
- Insulation resistance: $\geq 100\text{M}\Omega$
- Contact resistance: $\leq 20\text{m}\Omega$
- Material(Pin): Brass
- Mates With SESO Housing: 2204AM
- Symbols "★" For SPC Dimensions
- Product Specification: PS-2204-01
- Packaging: See Drawing:

K-2204WV-2*XXHF-10TSRXT

2204 W V - 2*XX HF - 10T SR X I
 (1) (2) (3) (4) (5) (6) (7) (8) (9)

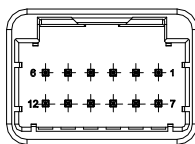
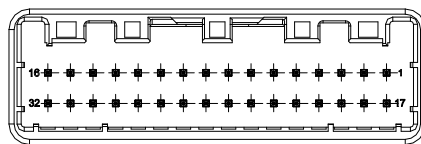
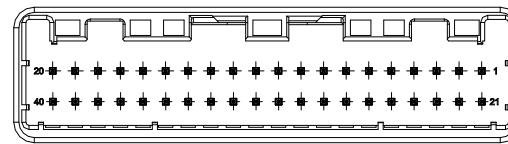
- ① Series No.
- ② Category: W-Wafer
- ③ Connector Type: Straigh 180°
- ④ Row No.-Pin No: 2xXX-Double Row 2xXXPin
- ⑤ Special No.: HF-Halogen Free.
- ⑥ Plastic material: 10T- PA10T UL94V-0
- ⑦ Plating Code: SR-Tin Plating
Underplate: Ni 32u"~200u" (0.8um~5.0um) overall
Top Plating: Sn 24u"~150u" (0.6um~3.75um) overall
- ⑧ Color: N-Natural , B-Black
- ⑨ Packing: T-Tray

Poles	A	B	C
2*06	18.60	16.25	11.00
2*16	40.60	38.25	33.00
2*20	49.40	47.05	41.80

A						GENERAL TOLERANCE				SMS 东莞市思索技术有限公司 Dongguan SESO Technology Co.,Ltd.				PART NO. 2204WV-2*XXHF-10TSRXT						
	20230711	X1	/	Add circuit description	Zhihao Chen	Joshua Liu	.X ±0.35	.XX ±0.25	.XXX±0.15					APPROVAL CHECK DRAWN DATE				TITLE: 2.20mm Pitch WAFER ASSY V/T 180° DIP		
	20221023	X0	/	Initial release	/	Larry Yang	X* ±2*													
	DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT	Jason Huang Larry Yang Joshua Liu 2022/10/23				UNIT	SCALE							
		1	2	3	4					5	6	7	8							
												mm	1:1	1/2	X1	CD				

RoHS

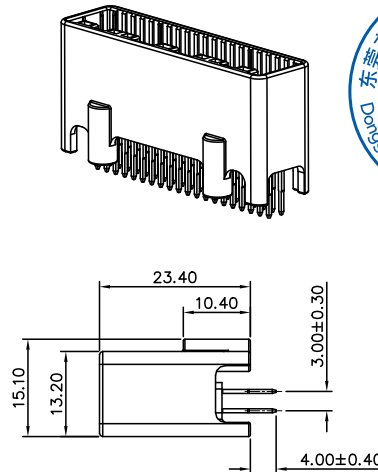
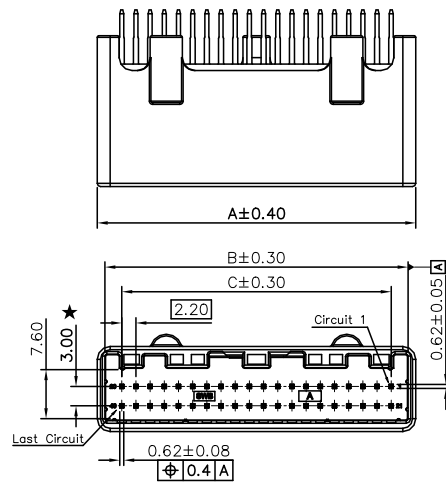
This products can apply to the SESO Doc NO. QA-3-04-005
of Environmental&Material Management Rules

2*6PIN2*16PIN2*20PIN

A						GENERAL TOLERANCE				SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				PART NO. 2204WV-2*XXHF-10TSRXT					
	20230711	X1	/	Add circuit description	Zhihao Chen	Joshua Liu	.X ±0.35							TITLE: 2.20mm Pitch WAFER ASSY V/T 180° DIP					
	20221023	X0	/	Initial release	/	Larry Yang	.XX ±0.25												
					.XXX±0.15														
					X: ±2"				APPROVAL										CHECK
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT 				Jason Huang	Larry Yang	Joshua Liu	2022/10/23						
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
- Material(Pin): Brass
- Mates With SESO Housing: 2204AM
- Symbols "★" For SPC Dimensions
- Product Specification: PS-2204-01
- Packaging: See Drawing:
PK-2204WV-2*XXS-PTSRXT

2204 W V - 2*XX S - PT SR X T
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① Series No.

② Category: W-Wafer

③ Connector Type: Vertical 180°

④ Row No.-Pin No: 2*XX-Double Row 2*XXPin

⑤ Special No.: S-Screw Type

⑥ Plastic material: PT-PBT+GF30%

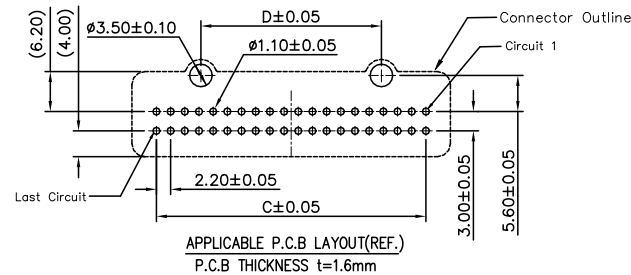
⑦ Plating Code:

SR-Underplate: Ni 32u"~200u"(0.8um~5.0um) overall

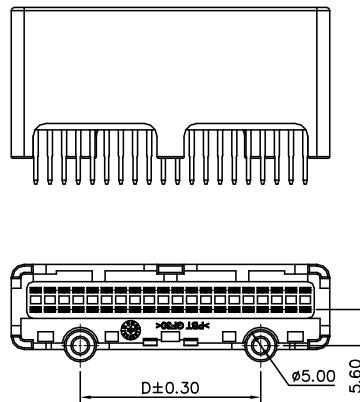
Top Plating: Sn 24u"~150u"(0.6um~3.75um) overall

⑧ Color: N-Natural , B-Black

⑨ Packing: T-Tray



APPLICABLE P.C.B LAYOUT(REF.)
P.C.B THICKNESS t=1.6mm



Poles	A	B	C	D
2*06	18.60	16.25	11.00	13.60
2*08	23.00	20.65	15.40	18.00
2*12	31.80	29.45	24.20	26.80
2*14	36.20	33.85	28.60	31.20
2*20	49.40	47.05	41.80	28.00

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

CHECK

DRAWN

DATE

Jason Huang

Yangmeng

Joshua Liu

2022/11/26

PART NO.

2204WV-2*XXS-PTSRXT

TITLE

2.20mm Pitch WAFER

ASSY Vertical 180° DIP

UNIT

SCALE

SHEET

REV

NUMBER

mm

1:1

1/2

X0

CD

20221126

X0

/

Initial release

/

Yangmeng

DATE

REV

ECN NO.

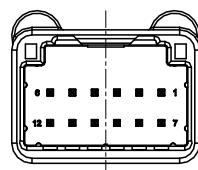
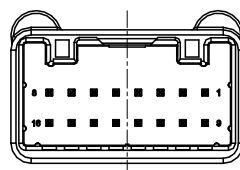
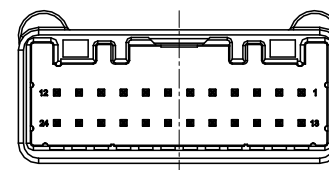
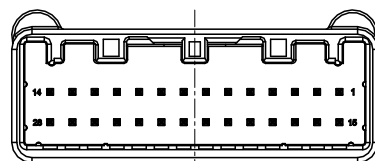
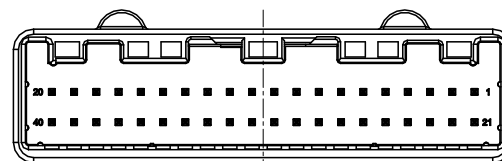
DESCRIPTION

MODIFY

APPROVAL

RoHS

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

2*6PIN2*8PIN2*12PIN2*14PIN2*20PIN

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

Yangmeng

DRAWN

Joshua Liu

DATE

2022/11/26

PART NO.

2204WV-2*XXS-PTSRXT

TITLE

2.20mm Pitch WAFER
ASSY Vertical 180° DIP

UNIT

mm

SCALE

1:1

SHEET

2/2

REV

X0

NUMBER

CD

20221126

X0

/

Initial release

/

Yangmeng

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



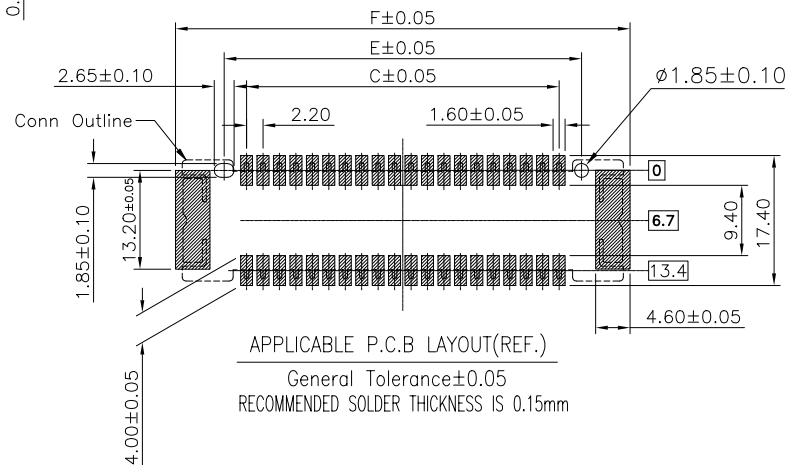
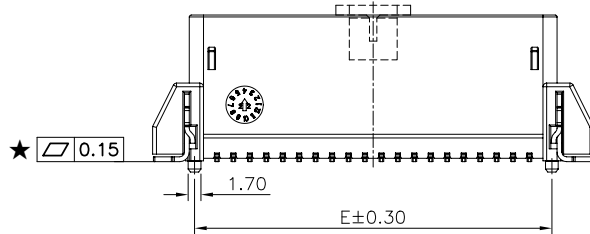
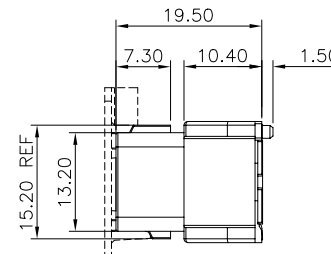
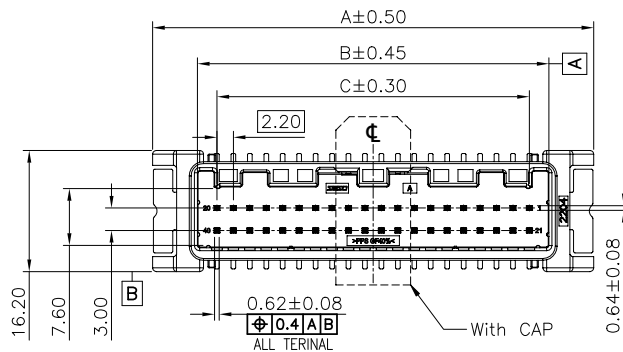
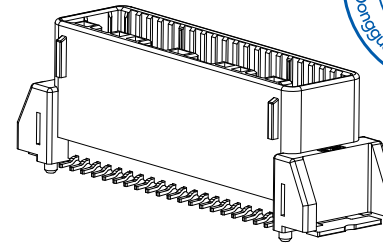
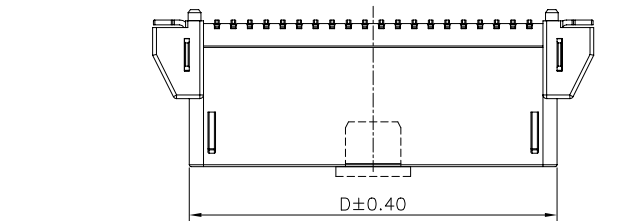
Specifications :

- 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: $\geq 100\text{M}\Omega$
- Contact resistance: $\leq 20\text{m}\Omega$
- Material(Pin): Brass
- Mates With SESO Housing: 2204AM
- Symbols "★" For SPC Dimensions
- Product Specification: PS-2204-01
- Packaging: See Drawing:
PK-2204WVS-2*XXP-PPSRXT

2204 WVS - 2*XX P- PP SR X X
① ②③④ ⑤ ⑥ ⑦ ⑧ ⑨⑩

- ① Series No.
② Category: Headerr
③ Connector Type: Vertical 180°
④ S-SMT TYPE
⑤ Row No.-Pin No: 2xXX-Double Row 2xXXPin
⑥ Special No.:P-With Post
⑦ Plastic material: PP-PPS UL94V-0
⑧ Plating Code: SR-Tin Plating
Underplate: Ni 32u"~200u"(0.8um~5.0um) Overall
Top Plating:Sn 24u"~150u"(0.6um~3.75um)Overall
⑨ Color: N-Natural , B-Black
⑩ Packing: T-Tray Without CAP , Y-Tray With CAP

Poles	A	B	C	D	E	F
2*04	23.80	11.80	6.60	14.00	12.60	25.60
2*08	32.60	20.60	15.40	22.80	21.40	34.40
2*12	41.40	29.40	24.20	31.60	30.20	43.20
2*20	59.00	46.90	41.80	49.20	47.80	60.80



DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL
20230517	X1	/	Modity PCB LAYOUT	Joshua	Yangmeng
20221109	X0	/	Initial release	/	Yangmeng

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
Jason Huang	Yang Meng	Joshua Liu	2022/11/09

PART NO.

2204WVS-2*XXP-PPSRXX

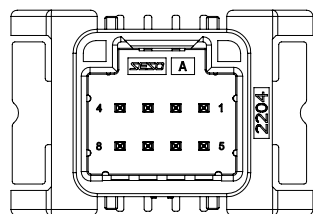
TITLE

2.20mm Pitch Header
ASSY Vertical 180° SMT

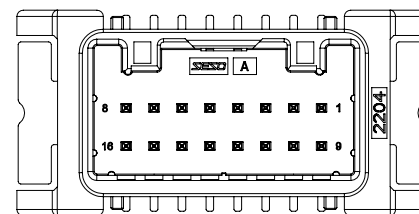
UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/2	X1	CD

RoHS

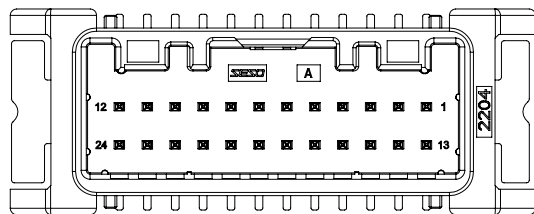
This products can apply to the SESO Doc NO. QA-3-04-005
of Environmental&Material Management Rules



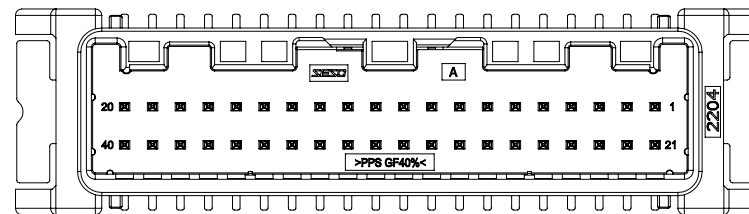
2*4PIN



2*8PIN



2*12PIN



2*20PIN

						GENERAL TOLERANCE				PART NO. 2204WVS-2*XXP-PPSRXX								
						.X ±0.35												
						.XX ±0.25												
20230517	X1	/	Modity PCB LAYOUT	Joshua	Yangmeng	.XXX±0.15				TITLE 2.20mm Pitch Header ASSY Vertical 180° SMT								
20221109	X0	/	Initial release	/	Yangmeng	X' ±2"												
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT				APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
										Jason Huang	Yang Meng	Joshua Liu	2022/11/09	mm	1:1	2/2	X1	CD