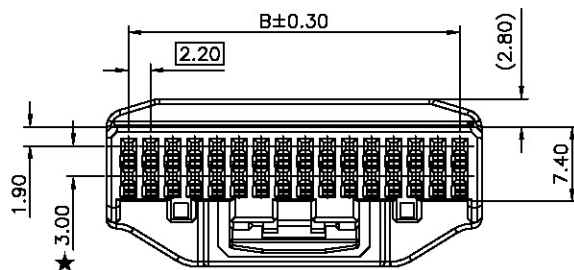
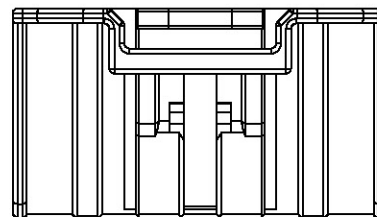
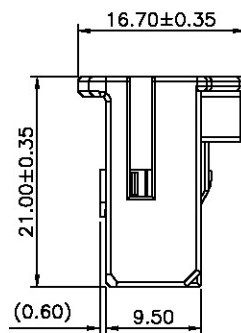
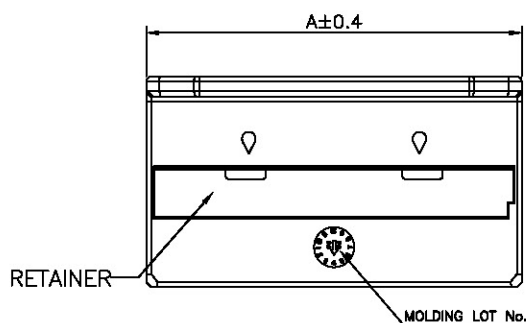
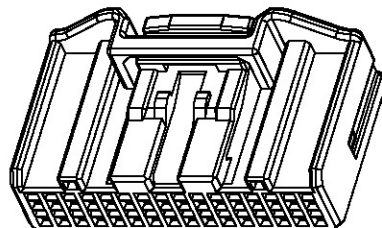
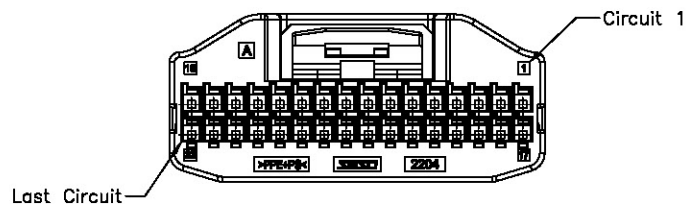


RoHS

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

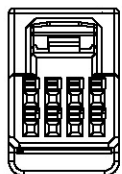
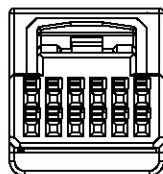
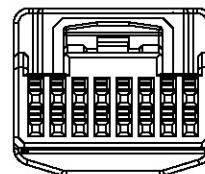
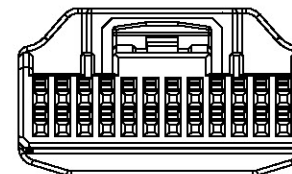
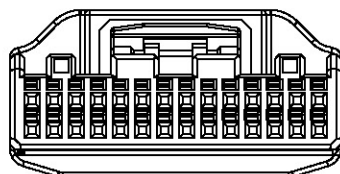
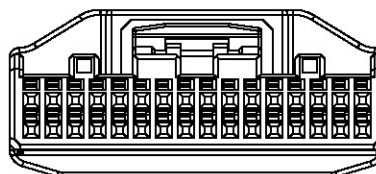
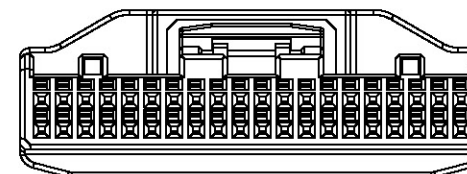
- ① Series No.
- ② Category: A-TPA Pre-Assembly Housing
- ③ Connector Type: M-Male Housing
- ④ Row No.-Pin No: 2xXX-Double Row
- ⑤ Material: ES-PPE+PS UL94V-0
- ⑥ Color: WH-White

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

GENERAL TOLERANCE						PART NO.			
.X ±0.35						2204AM-2*XX-ESXX			
.XX ±0.25						TITLE			
.XXX±0.15						2.20mm Pitch Male Housing			
X' ±Z						UNIT	SCALE	SHEET	REV
PROJECT						mm	1:1	1/2	X0
APPROVAL						Jack Zhang	Larry Yang	Zhonghua Liu	2022/10/26
DATE						CD			

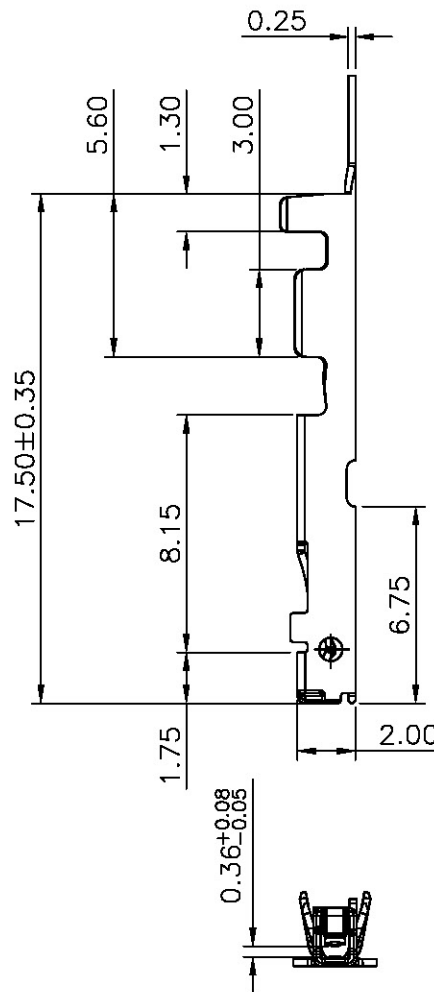
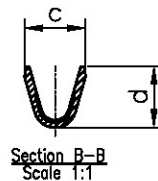
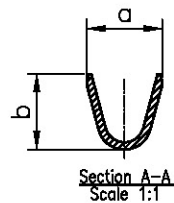
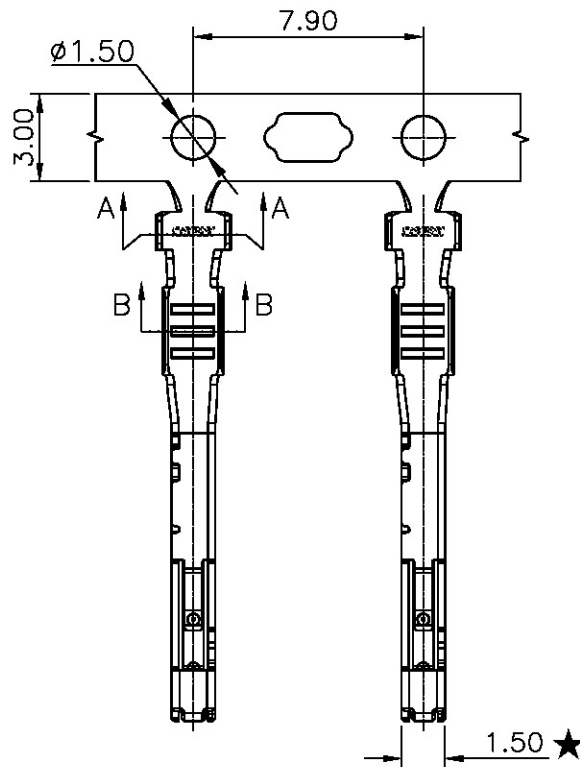
RoHS

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

2*04PIN2*06PIN2*08PIN2*12PIN2*14PIN2*16PIN2*20PIN

						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						2204AM-2*XX-ESXX				
						.XX ±0.25						TITLE				
						.XXX±0.15										
20221026	X0	/	Initial release	/	Larry Yang	X* ±Z"		APPROVAL	CHECK	DRAWN	DATE	2.20mm Pitch Male Housing				
						PROJECT						UNIT	SCALE	SHEET	REV	NUMBER
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL			Jack Zhang	Larry Yang	Zhonghua Liu	2022/10/26	mm	1:1	2/2	X0	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°C~+125°C
- Insulation resistance: >100MΩ
- Contact resistance: ≤20mΩ
- 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												
20221126	X0	/	Initial release	/	Larry Yang	X* ±Z				APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT				Jason Huang	Yangmeng	Joshua Liu	2022/11/26	mm	1:1	1/1	X0	CD

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

RoHS

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

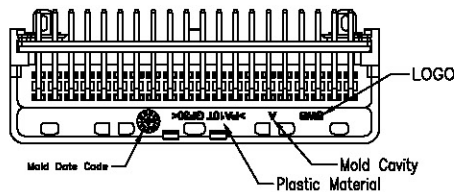
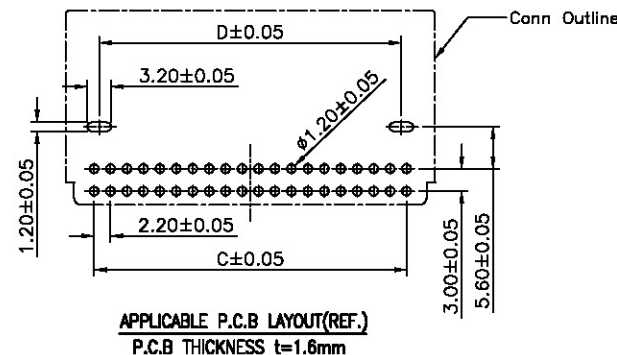
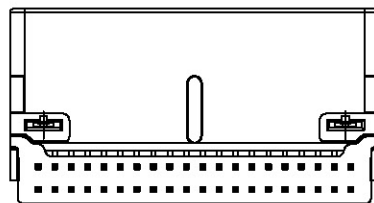
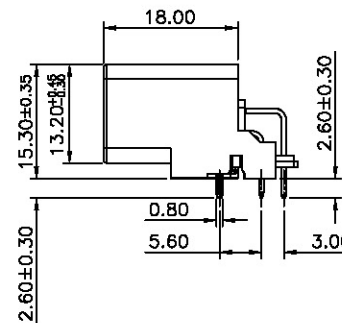
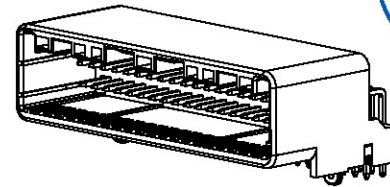
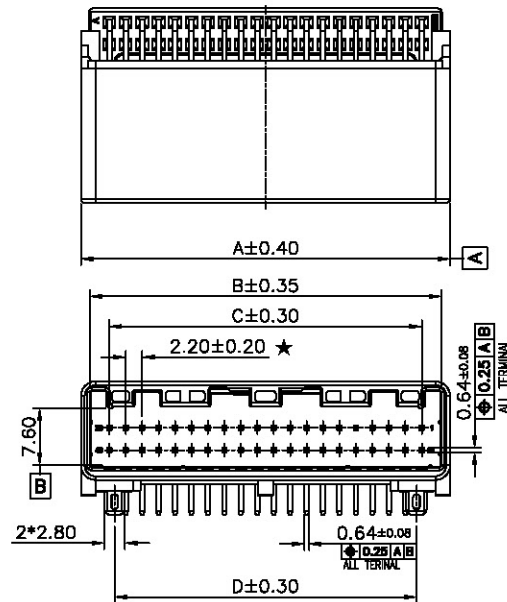
■ Specifications :

- 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-2204WR-2*XXHF-10TSRXT

2204 W R - 2*XX HF- 10T SR X T
① ②③ ④ ⑤ ⑥ ⑦ ⑧⑨

- 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

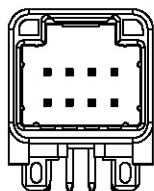


20230407	X2	/	Add 2*04P Drawing	Joshua	Yangmeng	GENERAL TOLERANCE X ±0.35 XX ±0.25 XXX±0.15 X: ±Z PROJECT 	SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd. APPROVAL CHECK DRAWN DATE Jason Huang Zouhong Joshua Liu 2022/07/23			
20221130	X1	/	Modify drawing	Joshua	Yangmeng					
20220723	X0	/	Initial release	/	Zou Hong					
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL					

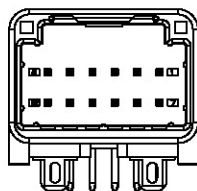
PART NO. 2204WR-2*XXHF-10TSRXT				
TITLE 2.20mm Pitch WAFER ASSY Right Angle 90° DIP				
UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/2	X2	CD

RoHS

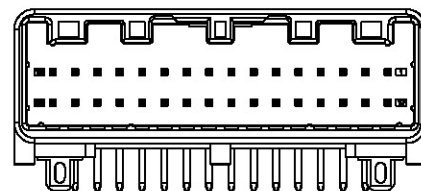
This products can apply to the SESO Doc NO. QA-3-04-005
of Environmental&Material Management Rules



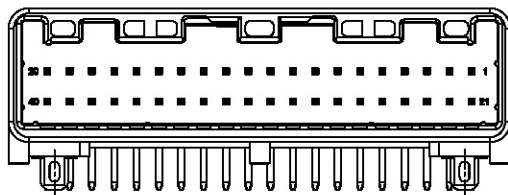
2*04PIN



2*06PIN



2*16PIN

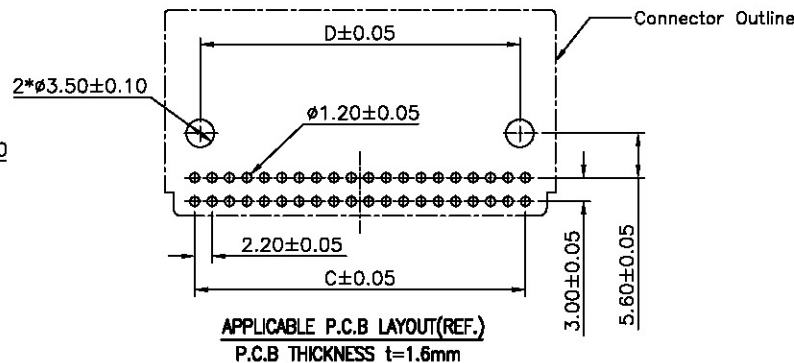
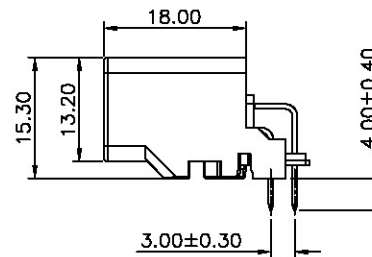
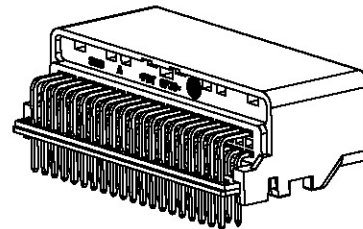
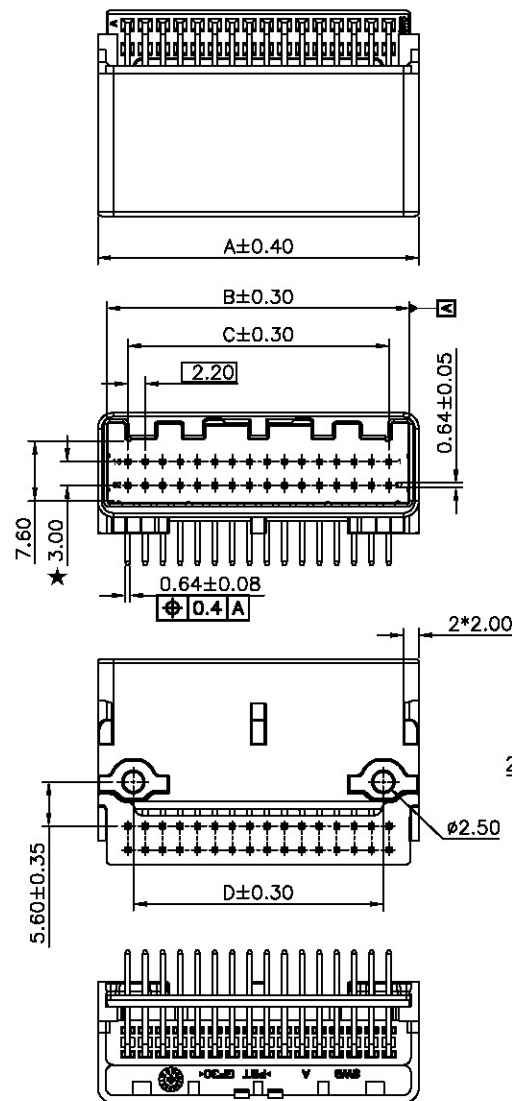


2*20PIN



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. APPROVAL CHECK DRAWN DATE Jason Huang Zouhong Joshua Liu 2021/07/23	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			UNIT	SCALE	SHEET	REV	NUMBER
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL			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: $>100\text{M}\Omega$
- 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 $32\text{u}'' \sim 200\text{u}''$ ($0.8\text{um} \sim 5.0\text{um}$) overall
Top Plating: Sn $24\text{u}'' \sim 150\text{u}''$ ($0.6\text{um} \sim 3.75\text{um}$) 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

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

GENERAL TOLERANCE

.X ± 0.35 .XX ± 0.25 .XXX ± 0.15 X' ± 2

PROJECT

APPROVAL

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

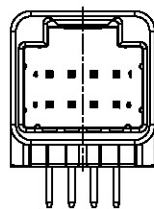
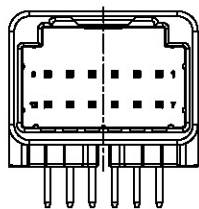
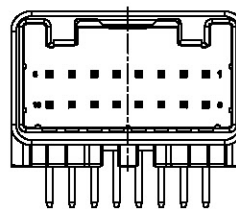
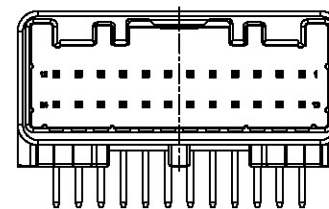
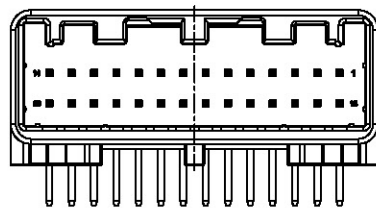
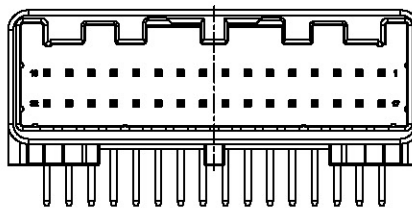
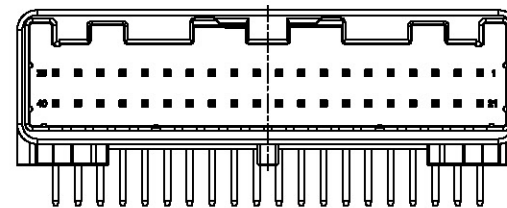
1/2

X1

CD

RoHS

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

2*4PIN2*6PIN2*8PIN2*12PIN2*14PIN2*16PIN2*20PIN

						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					2204WR-2*XXS-PTSRXT				
20230217	X1	/	Modity Cutting Hole	Joshua Liu	Yangmeng	.XX ±0.25					TITLE 2.20mm Pitch WAFER ASSY Right Angle 90° DIP				
20221126	X0	/	Initial release	/	Zou Hong	.XXX±0.15									
						X* ±2°	APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT	Jason Huang	Yangmeng	Joshua Liu	2022/11/26	mm	1:1	2/2	X1	CD

RoHS

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



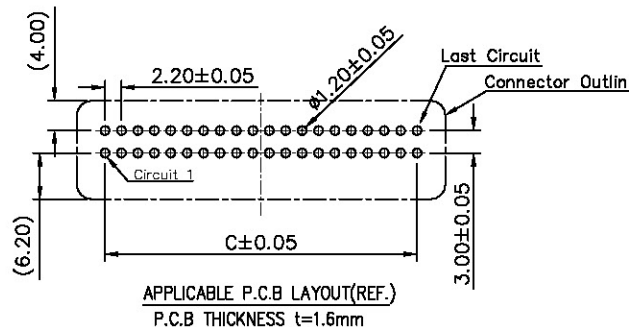
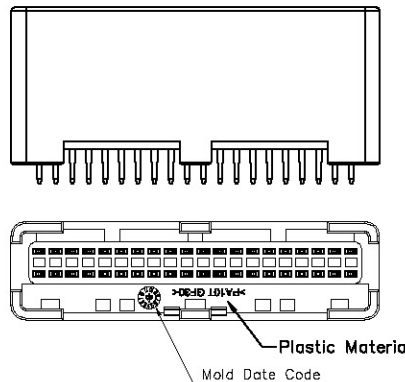
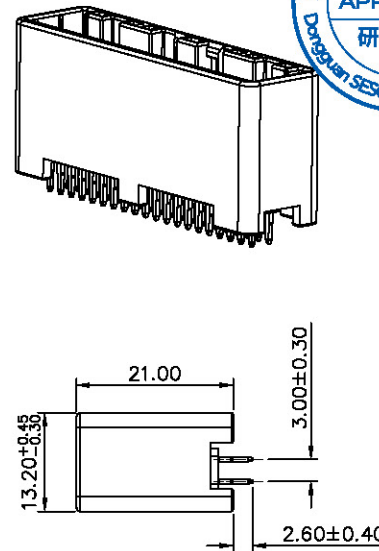
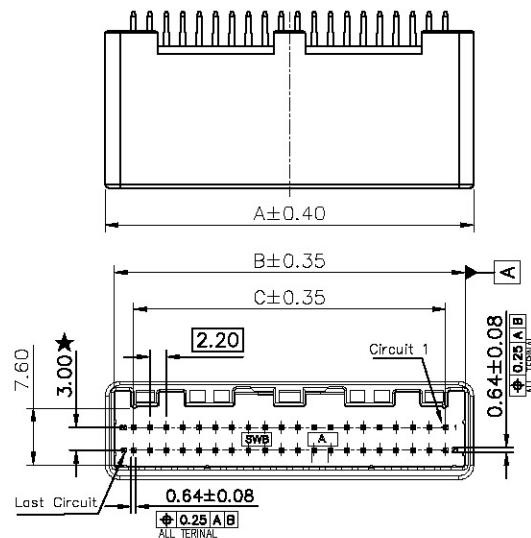
■ Specifications :

- Voltage rating: 50V Max. AC / DC
- Current rating: 3A Max. AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -40°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:
K-2204WV-2*XXHF-10TSRXT

2204 W V - 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: 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

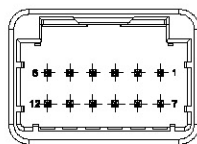
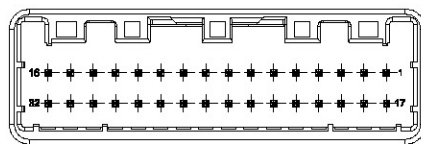
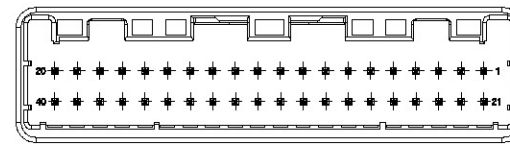


APPLICABLE P.C.B LAYOUT(REF.)
P.C.B THICKNESS t=1.6mm

						GENERAL TOLERANCE				PART NO.			
						.X ±0.35				2204WV-2*XXHF-10TSRXT			
						.XX ±0.25				TITLE: 2.20mm Pitch WAFER			
						.XXX±0.15				ASSY V/T 180° DIP			
						X* ±2°				UNIT			
						PROJECT				SCALE			
						APPROVAL				SHEET			
						CHECK				REV			
						DRAWN				NUMBER			
						DATE							
						Jason Huang				mm			
						Larry Yang				1:1			
						Joshua Liu				1/2			
						2022/10/23				X1			
										CD			

RoHS

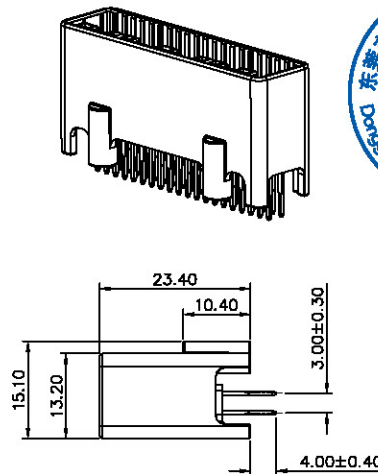
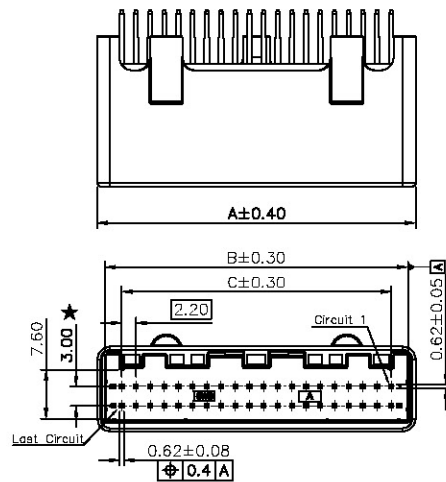
This products can apply to the SESO Doc NO. QA-3-04-005
of Environmental&Material Management Rules

2*6PIN2*16PIN2*20PIN

						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				
						.X	±0.35					TITLE: 2.20mm Pitch WAFER				
20230711	X1	/	Add circuit description	Zhihao Chen	Joshua Liu	.XX	±0.25	APPROVAL				ASSY V/T 180° DIP				
20221023	X0	/	Initial release	/	Larry Yang	.XXX	±0.15	CHECK				DRAWN				
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	X: ±2°		DATE				UNIT	SCALE	SHEET	REV	NUMBER
						PROJECT		2022/10/23				mm	1:1	2/2	X1	CD

RoHS

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

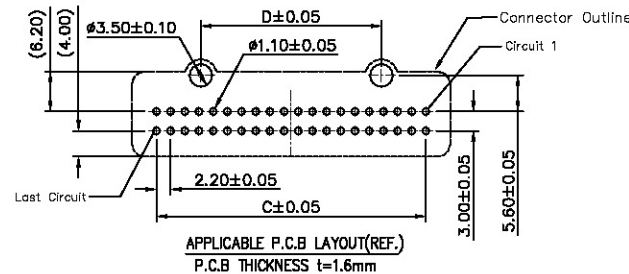


■ Specifications :

- Voltage rating: 50V Max. AC / DC
- Current rating: 3A Max. AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -40°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-PTSXT

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: 2xXX-Double Row 2xXXPin
- 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-PTSXT

TITLE

2.20mm Pitch WAFER
ASSY Vertical 180° DIP

UNIT

SCALE

SHEET

REV

mm

1:1

1/2

X0

CD

CD

CD

CD

20221126

X0

/

Initial release

/

Yangmeng

DATE

REV

ECN NO.

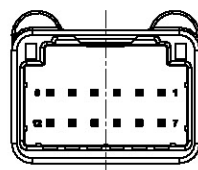
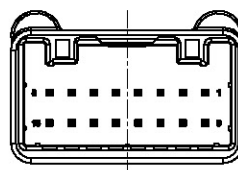
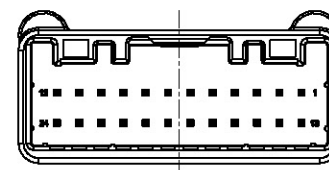
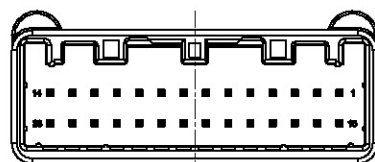
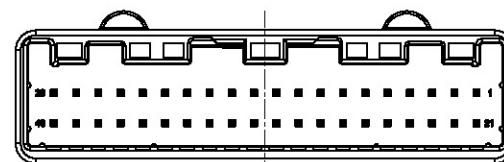
DESCRIPTION

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.* ±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.

2204WV-2*XXS-PTSXT

TITLE

2.20mm Pitch WAFER
ASSY Vertical 180° DIP

UNIT

SCALE

SHEET

REV

NUMBER

mm

1:1

2/2

X0

CD

20221126

X0

/

Initial release

/

Yangmeng

DATE

REV

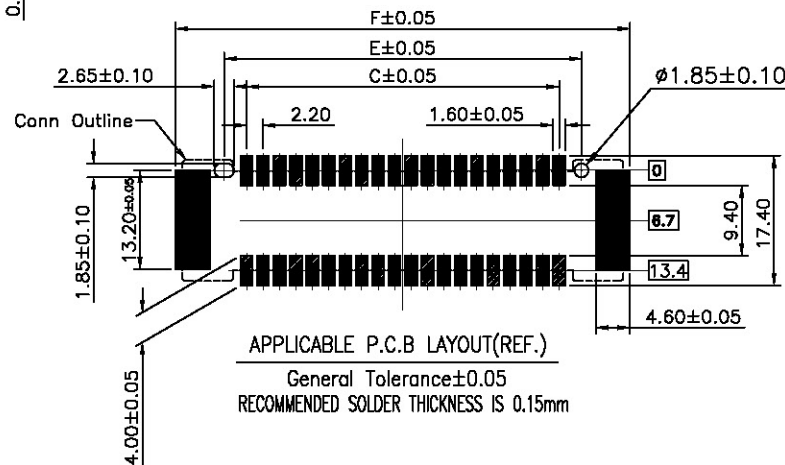
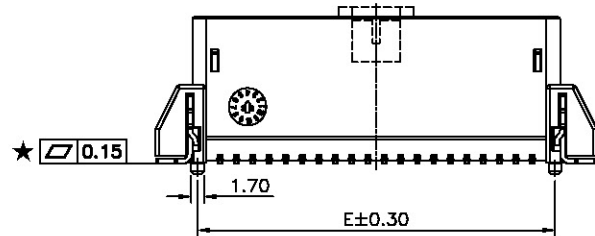
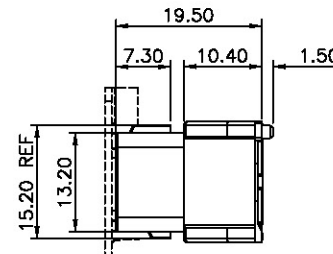
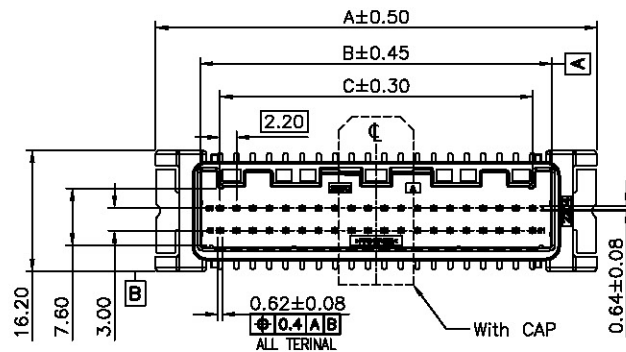
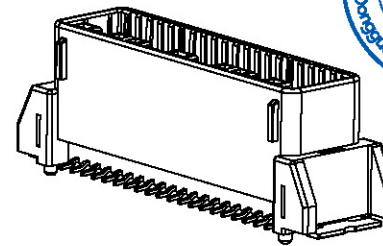
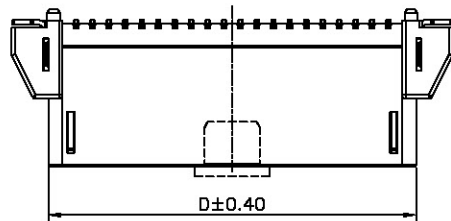
ECN NO.

DESCRIPTION

MODIFY

APPROVAL

RoHS

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

■ 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-2204WS-2*XXP-PPSRXT

2204 W V S - 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

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

GENERAL TOLERANCE

.X	±0.35
.XX	±0.25
.XXX	±0.15
X' ±Z'	

PROJECT	
---------	--

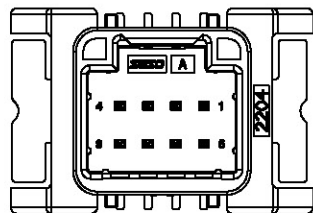
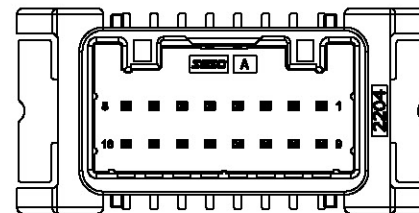
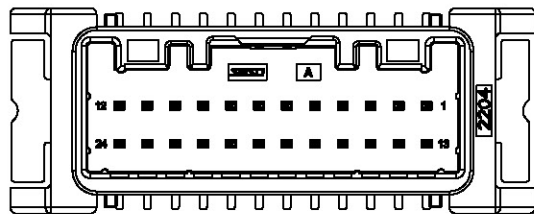
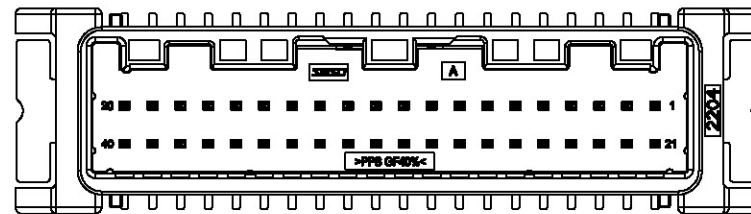
SMS 东莞市思索技术股份有限公司
Dongguan SESO Technology Co.,Ltd.

APPROVAL	CHECK	DRAWN	DATE
Jason Huang	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*4PIN2*8PIN2*12PIN2*20PIN

A

DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	GENERAL TOLERANCE				APPROVAL				PART NO.				
						.X	±0.35	.XX	±0.25									
20230517	X1	/	Modity PCB LAYOUT	Joshua	Yangmeng	.XXX	±0.15	20221109	X0	/	Initial release	/	Yangmeng	TITLE				2.20mm Pitch Header ASSY Vertical 180° SMT
						X.	±2°							UNIT	SCALE	SHEET	REV	NUMBER
						PROJECT								mm	1:1	2/2	X1	CD

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