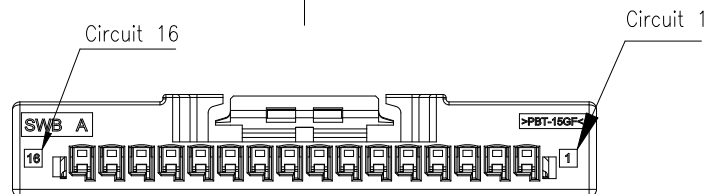
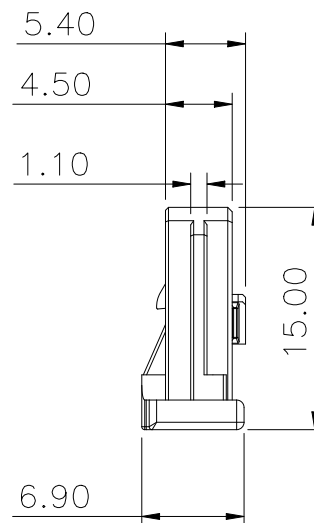
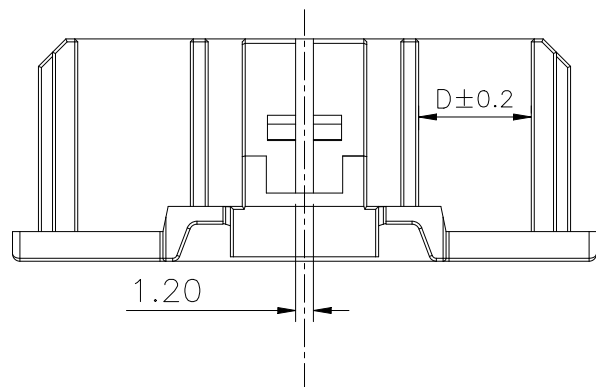
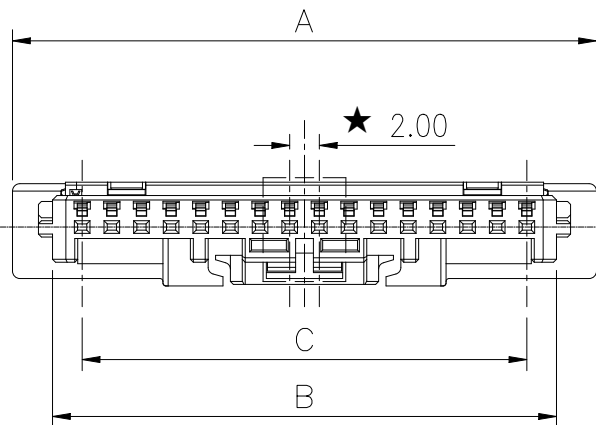


RoHS

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



■ Specifications :

- Voltage rating: 50V AC / DC
- Current rating: 3A Max AC / DC
- Withstanding voltage: 500 V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance: $\geq 100M\Omega$
- Contact resistance: $\leq 10m\Omega$
- After environmental testing: $\leq 20m\Omega$
- Symbols for SPC dimensions: " ★ "

2024 A-XX X-PT XX
① ② ③ ④ ⑤ ⑥

- ① Series No: 2024
- ② Category: A-Housing Sub-Assembly
- ③ The PIN number: XX-02 ~ 20 PIN
- ④ Special NO.: A-Coding A,Black
B-Coding B,Gray
- ⑤ Plastic material: PT-PBT UL94V-0
- ⑥ Color: BK-Black GY-Gray

Dimensions/mm				
PIN	A	B	C	D
2	11.40	6.0	2.0	/
4	15.40	10.0	6.0	/
8	23.40	18.0	14.0	/
10	27.40	22.0	18.0	1.60
12	31.40	26.0	22.0	3.60
16	39.40	34.0	30.0	7.60
20	47.40	42.0	38.0	11.60

GENERAL TOLERANCE

.X ± 0.35

.XX ± 0.25

.XXX ± 0.15

X.' $\pm 2'$

PROJECT



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

APPROVAL

Jack Zhang

CHECK

Larry Yang

DRAWN

Ding ping Ou

DATE

2022/11/09

PART NO.

2024A-XXX-PTXX

TITLE

2.00mm WTB CONN. ASSY

UNIT

mm

SCALE

1:1

SHEET

1/2

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

DATE CODE



02 Pin

04 Pin

08 Pin

10 Pin

12 Pin

16 Pin

Coding type

4.40

5.70

Coding A

Coding B



20 Pin

GENERAL TOLERANCE

.X ± 0.35

.XX ± 0.25

.XXX ± 0.15

X.' $\pm 2'$

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

Larry Yang

Ding ping Ou

2022/11/09

PART NO.

2024A-XXX-PTXX

TITLE

2.00mm WTB CONN. ASSY

UNIT

mm

SCALE

1:1

SHEET

2/2

REV

A0

NUMBER

CD

DATE

REV

ECN NO.

DESCRIPTION

MODIFY

APPROVAL

1

2

3

4

5

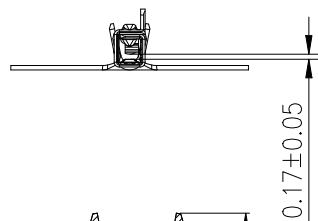
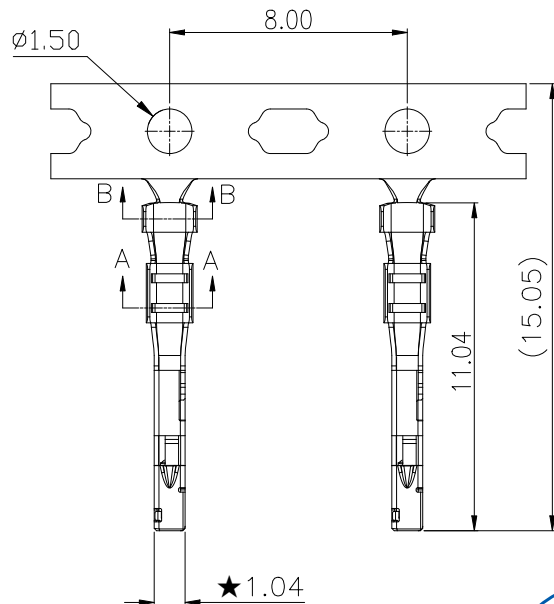
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7

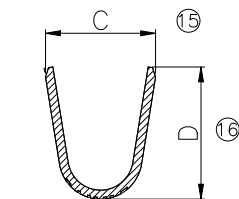
8

RoHS

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



SECTION A-A
SCALE 8:1



SECTION B-B
SCALE 8:1

0.15±0.03

2.05

3.60

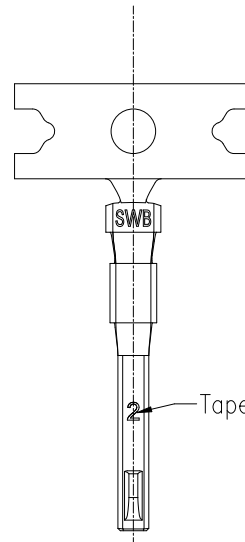
5.40

3.20

1.25

1.44

1.95



Specifications:

- Current Rating: 3A AC/DC (0.35mm² Wire)
- Temperature Range: -40°C ~ +125°C
- Contact Resistance: ≤ 25mΩ (After Testing)
- Mates With SWB Housing: 2024A-2*XXX
- Packaging Drawing: PK-2024TF-HY2BX
- Product Specification: PS-2024-02
- Symbols for SPC Dimensions: "★"

2024 T X-H Y2 B L
① ② ③ ④ ⑤ ⑥ ⑦

① Series No.: 2024

② Category: T-Terminal

③ Connector Type:

Blank - ordinary

L - Low foot

④ Material: H-High conductivity copper

⑤ Plating Code: Y2-40~120u" (1~3um) TIN

⑥ Plating Process: B-Stamping After Plating

⑦ Special No.: L-Single Row

2024TL-HY2BL	AWG#26~30 (0.13~0.05mm ²)	Ø0.9mm MAX	1.14	1.13	1.36	1.56
2024T-HY2BL	AWG#22~24 (0.35~0.22mm ²)	Ø1.30mm Max	1.57	1.73	1.85	2.22
Part NO.	Wire Range	Insulation O.D.	DIM A	DIM B	DIM C	DIM D

DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL
20250402	A1	EN20250113001	Change code from "1" to "2".	Ding ping Ou	Jack Zhang
20221109	A0	/	Initial release	Ding ping Ou	Jack Zhang

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

Jack Zhang

Larry Yang

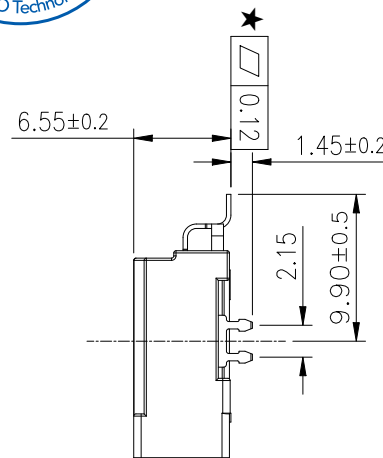
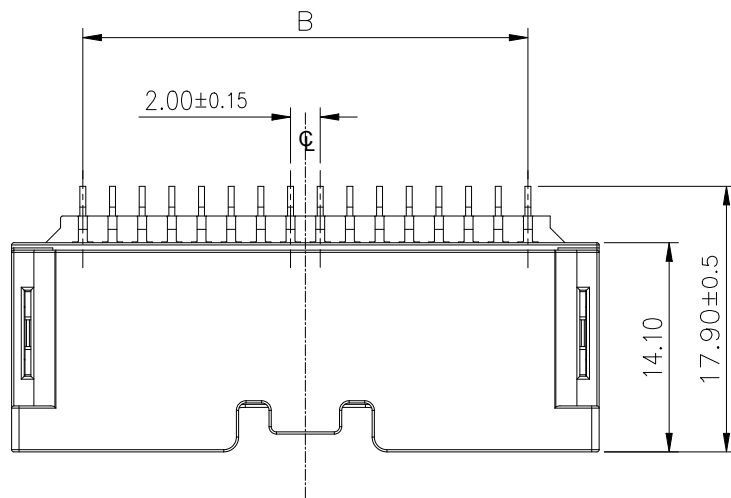
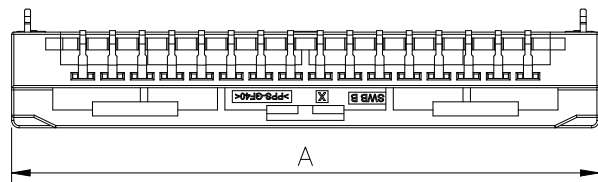
Ding ping Ou

2022/11/09

PART NO. 2024TX-HY2BL				
TITLE 2.0 mm terminal				
UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	A1	CD

RoHS

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



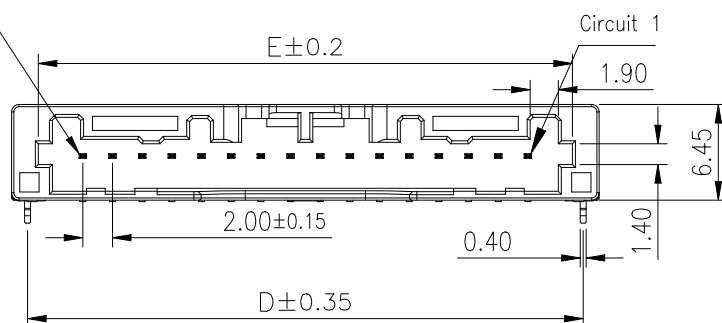
Specifications :

- Voltage rating: 50V AC / DC
- Current rating: 3A Max AC / DC
- Withstanding voltage: 500 V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance: $\geq 100M\Omega$
- Contact resistance: $\leq 10m\Omega$
- After environmental testing: $\leq 20m\Omega$
- Symbols for SPC dimensions: " ★ "

2024 W R S-XX X-PP SW1 X R
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① Series No.: 2024
② Category: W-Wafer
③ Connector Type: R-Right Angle 90°
④ Forming method: S - SMT
⑤ The PIN number: XX - 02 ~ 20 PIN
⑥ Special NO.: A-Coding A,Black
B-Coding B,Gray
⑦ Plastic material: PP-PPS UL94V-0
⑧ Plating Code: SW1-Matte Tin
Underplate:Ni 40~120u"(1~3um) overall
Top Plating:Sn 80~200u"(2~5um) overall
⑨ Color: B-Black GY-Gray
⑩ Packing: R-Reel

Circuit 16



Dimensions/mm

PIN	A	B	C	D	E
2	11.6	2.0	1.0	9.45	8.10
4	15.6	6.0	3.0	13.45	12.0
8	23.6	14.0	7.0	21.45	20.0
10	27.6	18.0	9.0	25.45	24.0
12	31.6	22.0	11.0	29.45	28.0
16	39.6	30.0	15.0	37.45	36.0
20	47.6	38.0	19.0	45.45	44.0

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

Larry Yang

Ding ping Ou

2022/11/09

PART NO.

2024WRS-XXX-PPSW1XR

TITLE

2.00mm WTB Wafer CONN.

UNIT

mm

SCALE

1:1

SHEET

1/2

REV

A0

NUMBER

CD

DATE

REV

ECN NO.

DESCRIPTION

MODIFY

APPROVAL

1

2

3

4

5

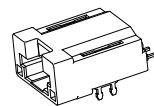
6

7

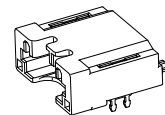
8

RoHS

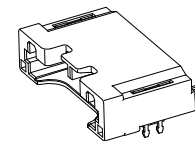
This products can apply to the SESO Doc NO. QA-3-04-005
of Environmental&Material Management Rules



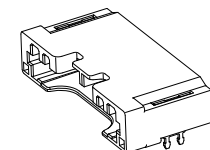
02 Pin



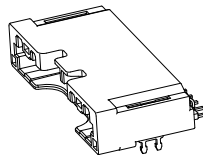
04 Pin



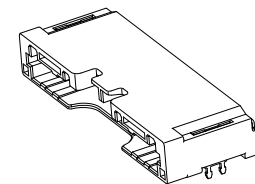
08 Pin



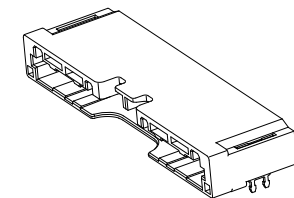
10 Pin



12 Pin

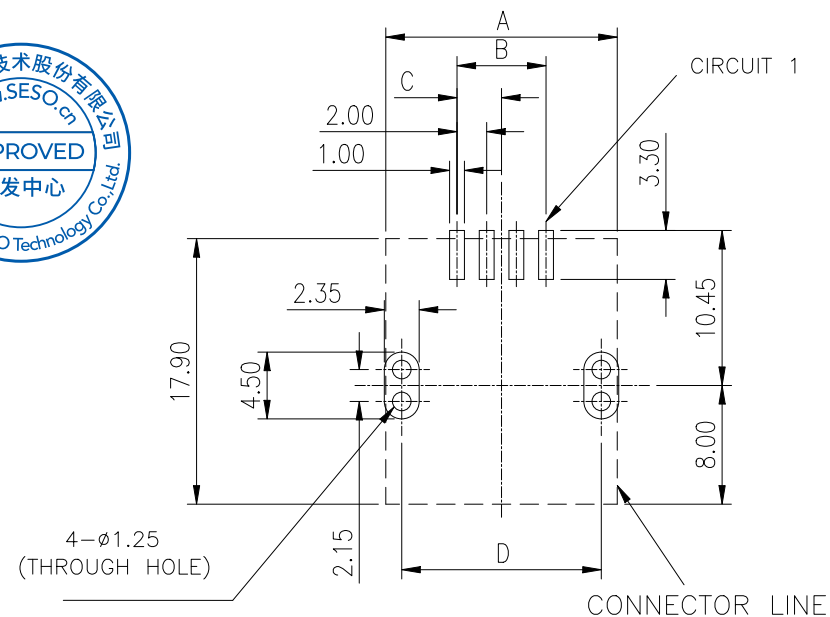
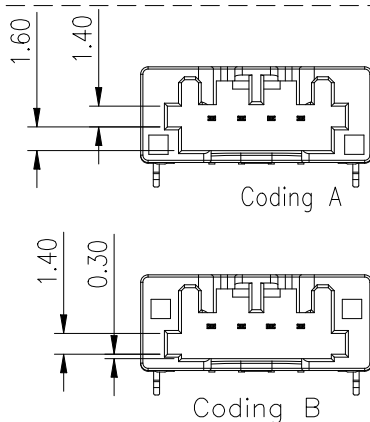


16 Pin



20 Pin

Coding type



PCB THICKNESS :1.6
GENERAL TOLERANCES:±0.05

GENERAL TOLERANCE

.X ±0.35

.XX ±0.25

.XXX±0.15

X.' ±2"

PROJECT

4-ø1.25 (THROUGH HOLE)

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

APPROVAL

Jack Zhang

CHECK

Larry Yang

DRAWN

Ding ping Ou

DATE

2022/11/09

PART NO.

2024WRS-XXX-PPSW1XR

TITLE

2.00mm WTB Wafer CONN.

UNIT

mm

SCALE

1:1

SHEET

2/2

REV

A0

NUMBER

CD

DATE

REV

ECN NO.

DESCRIPTION

MODIFY

APPROVAL

1

2

3

4

5

6

7

8