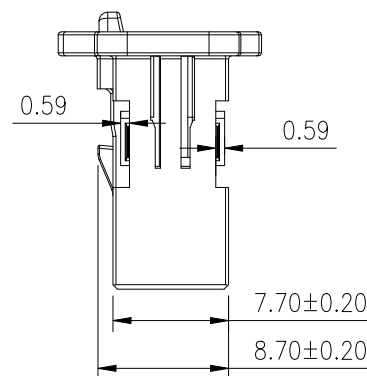




- Voltage rating: 24V Max. AC/DC
- Withstanding voltage: 500V AC/minute
- Temperature range:  $-40^{\circ}\text{C}\sim+105^{\circ}\text{C}$
- Insulation resistance:  
100M $\Omega$  min./500V DC/Minute
- Contact resistance:  $\leq 10\text{m}\Omega$
- After environmental testing:  $\leq 20\text{m}\Omega$
- Symbols for SPC dimensions: " ★ "
- Mates With SESO Terminal: 2044TF-XXX
- Product Specification: PS-2044-01
- Packaging Drawing: PK-2044AM-DXXX

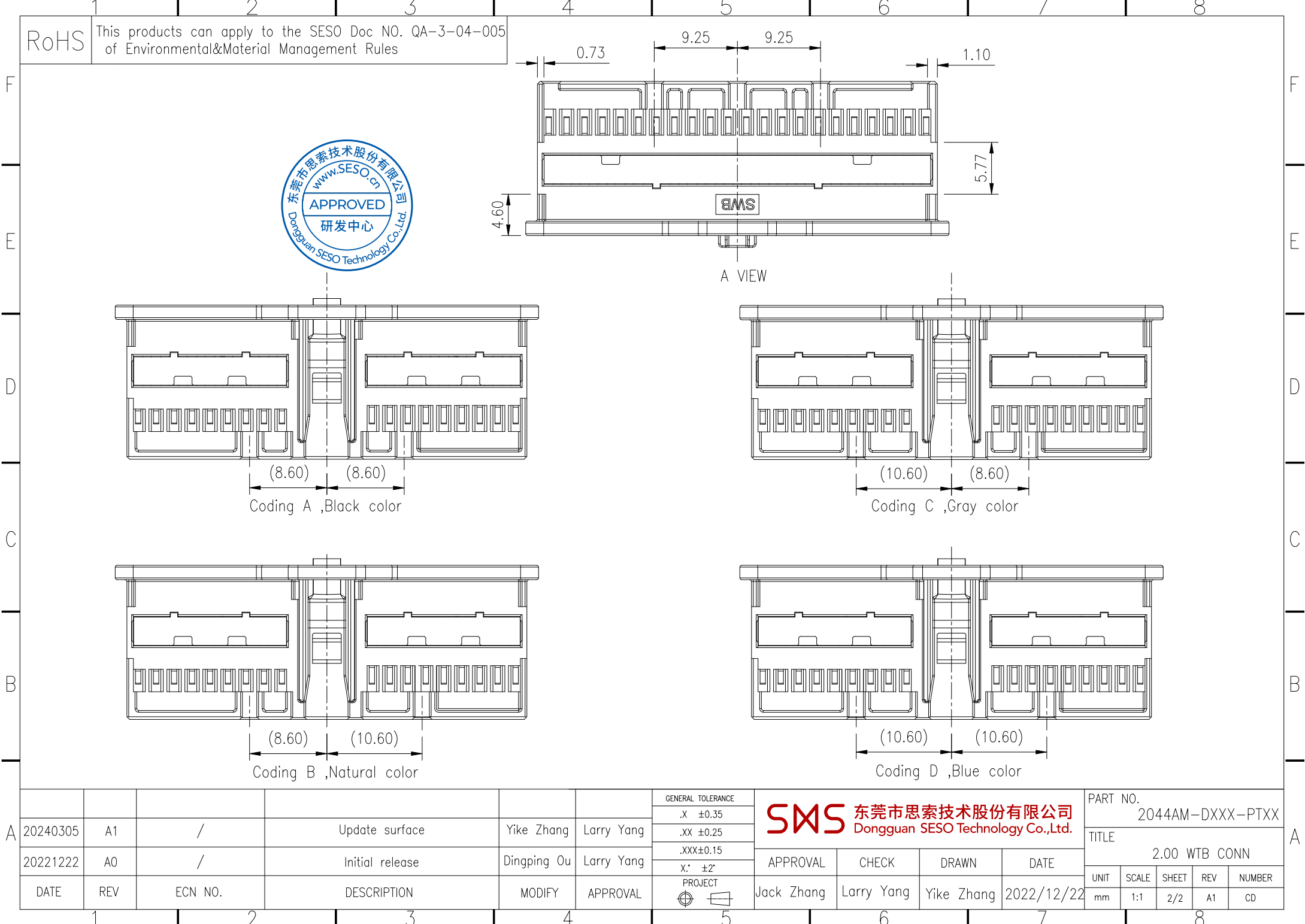


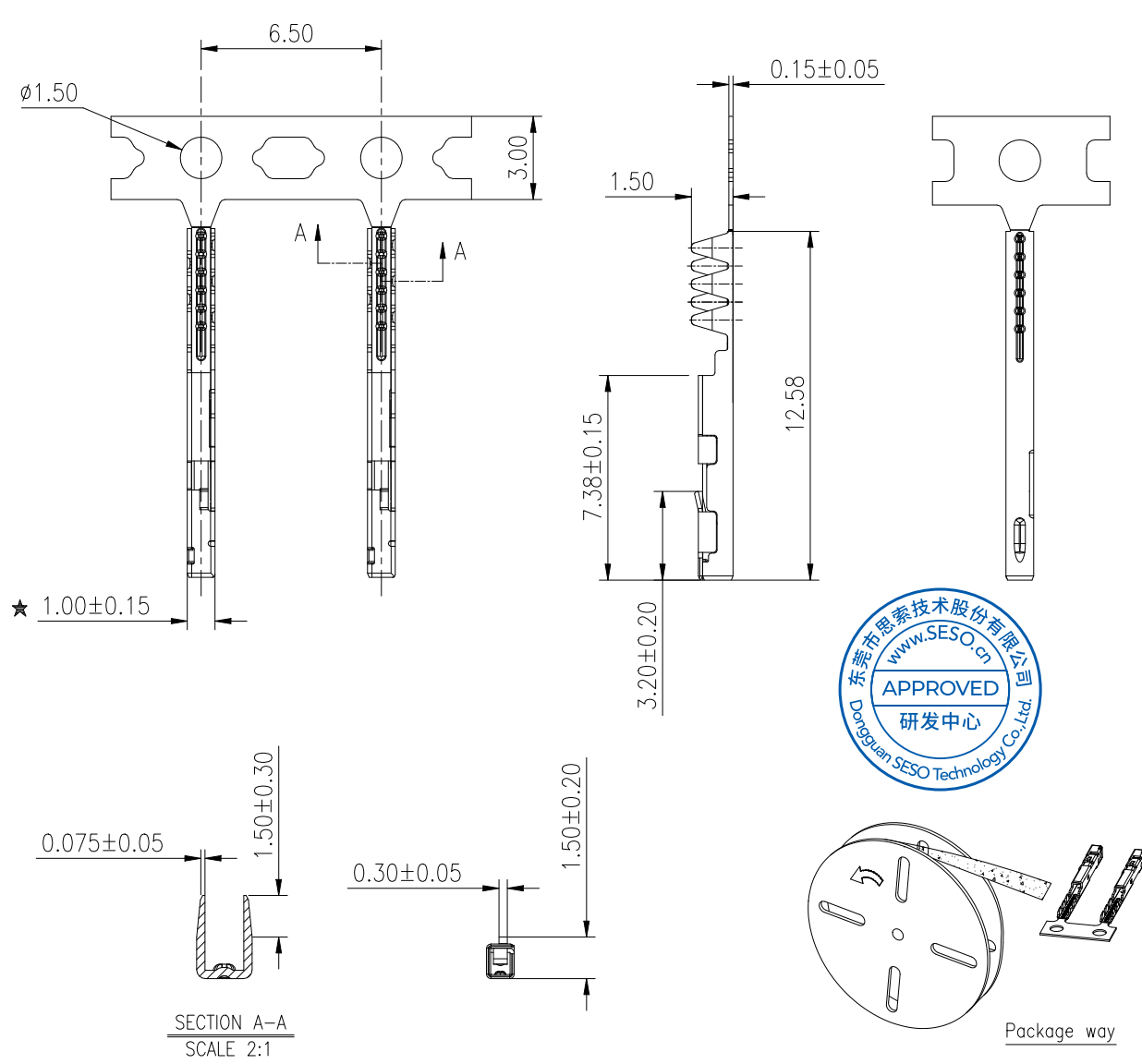
| Dimensions/mm |      |      |      |
|---------------|------|------|------|
| PIN           | A    | B    | C    |
| 24            | 31.1 | 26.0 | 28.5 |
| 28            | 35.1 | 30.0 | 32.5 |
| 32            | 39.1 | 34.0 | 36.5 |
| 36            | 43.1 | 38.0 | 40.5 |
| 40            | 47.1 | 42.0 | 44.5 |
| 48            | 55.1 | 50   | 52.5 |

2044   A   M-DXX   X-PT   XX  
 (1)   (2)   (3)   (4)   (5)   (6)   (7)

- ① Series.: 2044
- ② Category: A—Housing Sub—Assembly
- ③ Connector Type: M—Male Housing
- ④ Row No.—Pin No.:  
DXX—Double Row D24~D48Pin
- ⑤ Special code: A—Coding A ,Black color  
B—Coding B ,Natural color  
C—Coding C ,Gray color  
D—Coding D ,Blue color
- ⑥ Plastic material: PT—PBT UL94V—0
- ⑦ Color: BK—Black color; NC—Natural color  
GY—Gray color; BL—Blue color

|   |          |     |         |                 |             |                   |           |                                                                           |            |            |            |                                                                       |       |       |     |        |                     |  |  |  |  |
|---|----------|-----|---------|-----------------|-------------|-------------------|-----------|---------------------------------------------------------------------------|------------|------------|------------|-----------------------------------------------------------------------|-------|-------|-----|--------|---------------------|--|--|--|--|
|   |          |     |         |                 |             | GENERAL TOLERANCE |           | <div>SMS 东莞市思索技术股份有限公司</div> <div>Dongguan SESO Technology Co.,Ltd.</div> |            |            |            | PART NO. 2044AM-DXXX-PTXX                                             |       |       |     |        |                     |  |  |  |  |
| A | 20240305 | A1  | /       | Update surface  | Yike Zhang  | Larry Yang        | .X ±0.35  |                                                                           |            |            |            | <div>APPROVAL</div> <div>CHECK</div> <div>DRAWN</div> <div>DATE</div> |       |       |     |        | TITLE 2.00 WTb CONN |  |  |  |  |
|   | 20221222 | A0  | /       | Initial release | Dingping Ou | Larry Yang        | .XX ±0.25 |                                                                           |            |            |            |                                                                       |       |       |     |        |                     |  |  |  |  |
|   |          |     |         |                 |             |                   | .XXX±0.15 |                                                                           |            |            |            |                                                                       |       |       |     |        |                     |  |  |  |  |
|   |          |     |         |                 |             |                   | X* ±2"    |                                                                           |            |            |            | UNIT                                                                  | SCALE | SHEET | REV | NUMBER |                     |  |  |  |  |
|   | DATE     | REV | ECN NO. | DESCRIPTION     | MODIFY      | APPROVAL          | PROJECT   | Jack Zhang                                                                | Larry Yang | Yike Zhang | 2022/12/22 | mm                                                                    | 1:1   | 1/2   | A1  | CD     |                     |  |  |  |  |
|   | 1        |     | 2       | 3               | 4           |                   | 5         |                                                                           | 6          |            | 7          |                                                                       |       |       |     | 8      |                     |  |  |  |  |





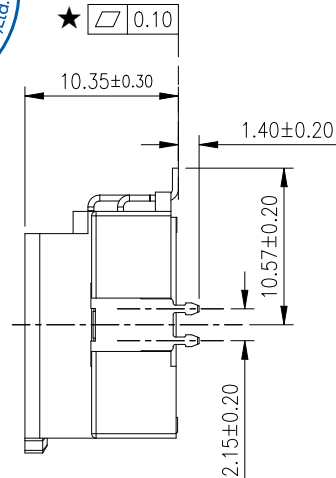
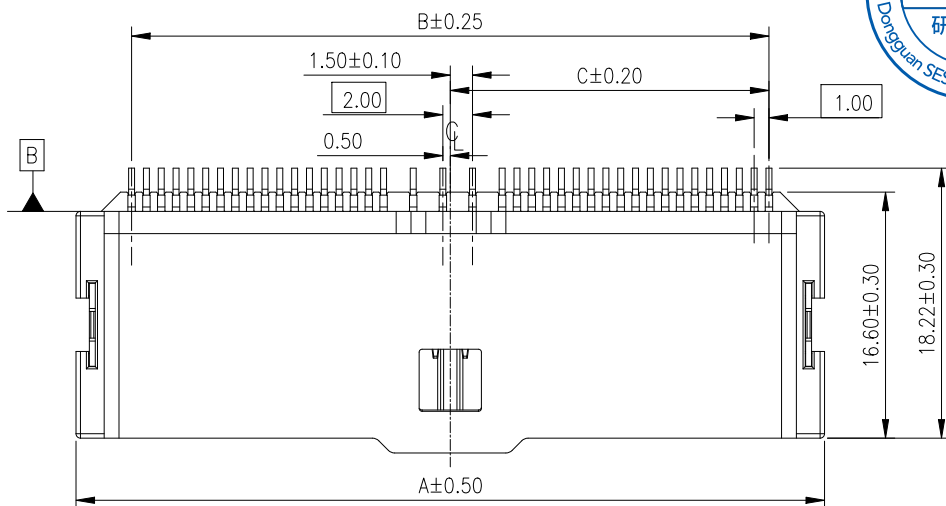
- Specifications:
- Current Rating: 1A AC/DC(0.35mm<sup>2</sup> Wire)
  - Temperature Range: -40°C~+105°C
  - Contact Resistance: ≤10mΩ (Initial)  
≤20mΩ (After Testing)
  - Mates With SESO Housing: 2044AM-DXXX
  - Packaging Drawing: PK-2044T-XXX
  - Product Specification: PS-2044-01
  - Symbols for SPC Dimensions: "★"

2044 I F-H SR4 B-C  
① ②③④ ⑤ ⑥⑦

- ① Series No.: 2044
- ② Category: T-Terminal
- ③ Connector Type:F-Female terminal
- ④ Material: H-Copper alloy
- ⑤ Plating Code: SR4-Sn:40~120u" (1~3μm)
- ⑥ Plating Process: B-Stamping After Plating
- ⑦ Special No.:C-Mating with FPC IDC

|          |          |     |                |                |            |             |                   |            |          |            |                                                        |            |          |            |                |       |   |       |  |        |  |
|----------|----------|-----|----------------|----------------|------------|-------------|-------------------|------------|----------|------------|--------------------------------------------------------|------------|----------|------------|----------------|-------|---|-------|--|--------|--|
| A        | 20241018 | A4  | /              | Update surface | Rio Pan    | Larry Yang  | GENERAL TOLERANCE |            |          |            | SMS 东莞市思索技术股份有限公司<br>Dongguan SESO Technology Co.,Ltd. |            | PART NO. |            | 2044TF-HSR4B-C |       | A |       |  |        |  |
|          | 20230305 | A3  | /              | Update surface | Yike Zhang | Larry Yang  | .X ±0.35          |            | APPROVAL |            |                                                        |            | CHECK    |            |                |       |   | DRAWN |  | DATE   |  |
|          |          |     |                |                |            |             | .XX ±0.25         |            |          |            |                                                        |            |          |            |                |       |   |       |  |        |  |
|          |          |     |                |                |            |             | .XXX ±0.15        |            |          |            |                                                        |            |          |            |                |       |   |       |  |        |  |
|          |          |     |                |                |            |             | X: ±2             |            |          |            |                                                        |            |          |            |                |       |   |       |  |        |  |
| 20231219 | A2       | /   | Update surface | Dingping Ou    | Larry Yang | PROJECT     |                   | Jack Zhang |          | Larry Yang |                                                        | Yike Zhang |          | 2022/12/20 |                |       |   |       |  |        |  |
| DATE     |          | REV |                | ECN ON.        |            | DESCRIPTION |                   | MODIFY     |          | APPROVAL   |                                                        | UNIT       |          | SCALE      |                | SHEET |   | REV   |  | NUMBER |  |
|          |          | 1   |                | 2              |            | 3           |                   | 4          |          | 5          |                                                        | 6          |          | 7          |                | 8     |   |       |  |        |  |

RoHS

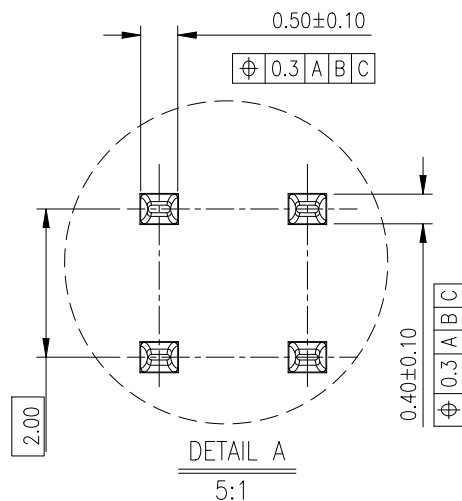
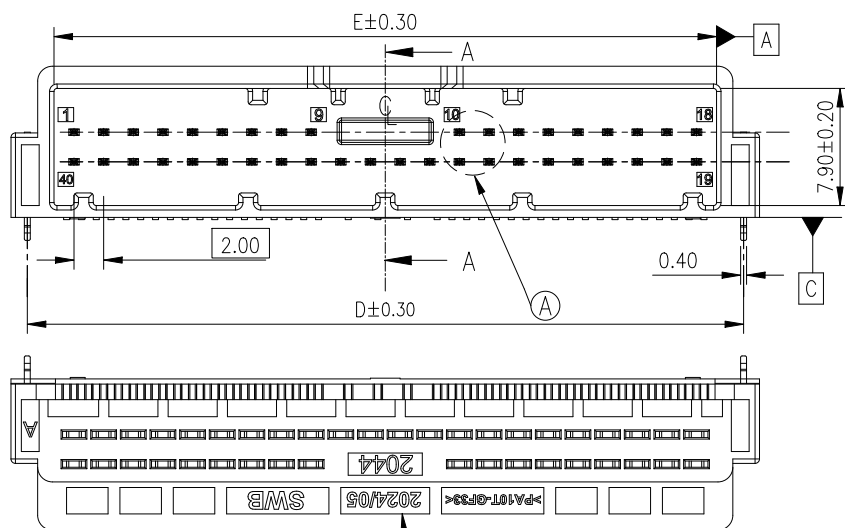
This products can apply to the SESO Doc NO.QA-3-04-005  
of Environmental&Material Management Rules

## ■ Specifications :

- Voltage rating: 24V Max. AC/DC
- Current Rating: 1.0A AC/DC
- Withstanding voltage: 500V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance:  
100M $\Omega$  min./500V DC/Minute
- Contact resistance:  $\leq 10\text{m}\Omega$
- After environmental testing:  $\leq 20\text{m}\Omega$
- Symbols for SPC dimensions: "★"
- Mates With SESO Housing: 2044AM-DXXX
- Product Specification: PS-2044-01
- Packaging Drawing: PK-2044WRS-DXXX

2044 W R S-DXX X-10T SR X R  
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① Series No.: 2044  
② Category: W-wafer  
③ Connector Type: R-Right Angle 90°  
④ Row number: S-SMT  
⑤ Row No.-Pin No.:  
DXX-Double Row D24~D48Pin  
⑥ Special code: A-Coding A ,Black color  
B-Coding B ,Natural color  
C-Coding C ,Gray color  
D-Coding D ,Blue color  
⑦ Plastic material: 10T-PA10T UL94V-0  
⑧ Plating Code: SR-Bright Tin  
Underplate:Ni 32u" ~200u" (0.8um~5.0um)  
Top Plating:Sn 24u" ~150u" (0.6um~3.75um)  
⑨ Color: B-Black color; N-Natural color  
G-Gray color; L-Blue color  
⑩ Packing: R-Reel

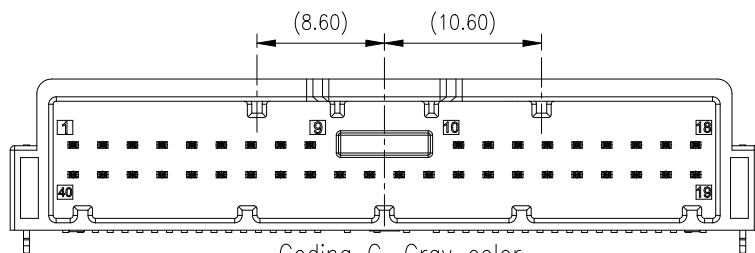
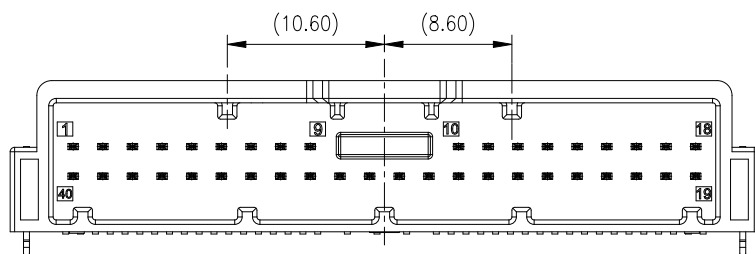
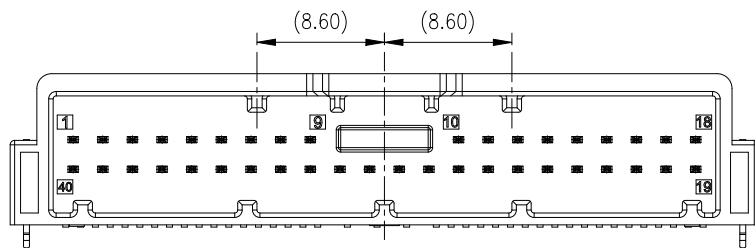


DATE CODE

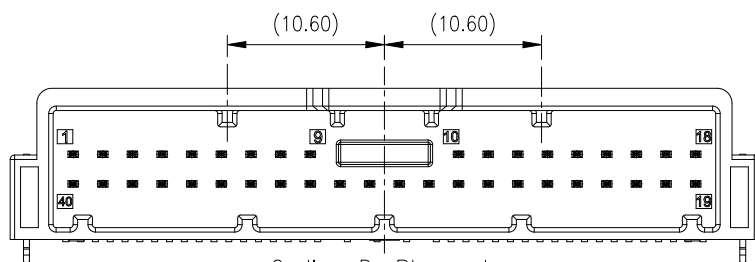
|          |     |               |                                           |         |            |                                                                                                                                                                                                                                                                            |            |         |            |
|----------|-----|---------------|-------------------------------------------|---------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------|------------|
| 20250403 | A4  | EN20250403001 | Modify pad dimension from 0.6mm to 0.55mm | Rio Pan | Larry Yang | <div>GENERAL TOLERANCE</div> <div>.X ±0.35</div> <div>.XX ±0.25</div> <div>.XXX ±0.15</div> <div>X' ±2'</div> <div>PROJECT</div> <div></div> <div><b>SMS 东莞市思索技术股份有限公司</b><br/>Dongguan SESO Technology Co.,Ltd.</div> <div>PART NO.</div> <div>2044WRS-DXXX-10TSRXR</div> |            |         |            |
| 20241017 | A3  | /             | Update surface                            | Rio Pan | Larry Yang |                                                                                                                                                                                                                                                                            |            |         |            |
| 20240826 | A2  | /             | Update surface                            | Rio Pan | Larry Yang |                                                                                                                                                                                                                                                                            |            |         |            |
| DATE     | REV | ECN NO        | DESCRIPTION                               | MODIFY  | APPROVAL   |                                                                                                                                                                                                                                                                            |            |         |            |
| 1        | 2   | 3             | 4                                         | 5       | 6          |                                                                                                                                                                                                                                                                            |            |         |            |
|          |     |               |                                           |         |            | APPROVAL                                                                                                                                                                                                                                                                   | CHECK      | DRAWN   | DATE       |
|          |     |               |                                           |         |            | Jack Zhang                                                                                                                                                                                                                                                                 | Larry Yang | Rio Pan | 2022/10/22 |
|          |     |               |                                           |         |            | TITLE                                                                                                                                                                                                                                                                      |            |         |            |
|          |     |               |                                           |         |            | 2.00 WTB CONN                                                                                                                                                                                                                                                              |            |         |            |
|          |     |               |                                           |         |            | UNIT                                                                                                                                                                                                                                                                       | SCALE      | SHEET   | REV        |
|          |     |               |                                           |         |            | mm                                                                                                                                                                                                                                                                         | 1:1        | 1/2     | A4         |
|          |     |               |                                           |         |            | NUMBER                                                                                                                                                                                                                                                                     |            |         |            |
|          |     |               |                                           |         |            | CD                                                                                                                                                                                                                                                                         |            |         |            |
|          |     |               |                                           |         |            | 8                                                                                                                                                                                                                                                                          |            |         |            |

RoHS

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



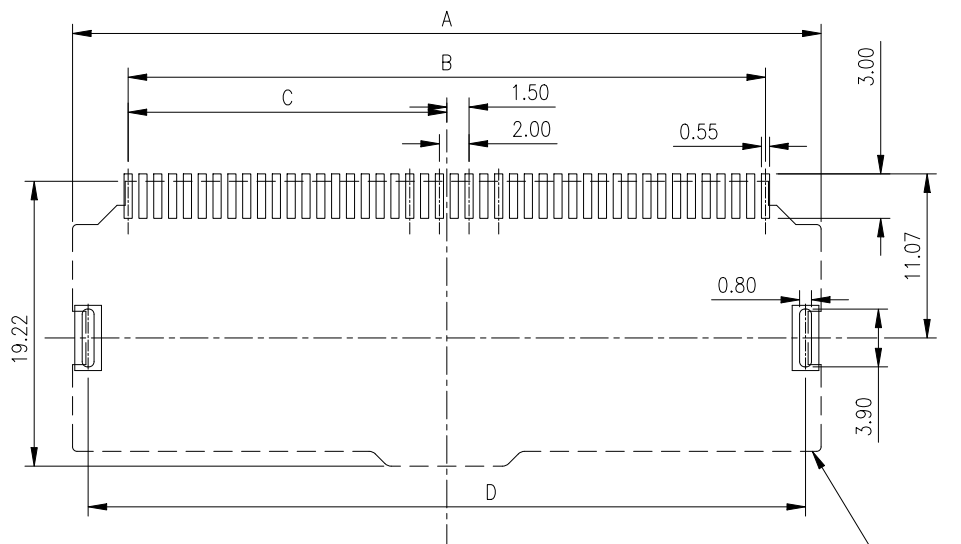
Coding C ,Gray color



Coding D ,Blue color



| Dimensions/mm |      |      |      |      |      |
|---------------|------|------|------|------|------|
| PIN           | A    | B    | C    | D    | E    |
| 24            | 34.5 | 27.0 | 13.5 | 32.4 | 28.7 |
| 28            | 38.5 | 31.0 | 15.5 | 36.4 | 32.7 |
| 32            | 42.5 | 35.0 | 17.5 | 40.4 | 36.7 |
| 36            | 46.5 | 39.0 | 19.5 | 44.4 | 40.7 |
| 40            | 50.5 | 43.0 | 21.5 | 48.4 | 44.7 |
| 48            | 58.5 | 55.0 | 25.5 | 56.4 | 52.7 |



PCB THICKNESS :1.6  
GENERAL TOLERANCES:±0.05

CONNECTOR LINE

|                                                      |     |               |                                           |         |            |                                                                                                           |            |         |            |                                  |       |       |     |        |
|------------------------------------------------------|-----|---------------|-------------------------------------------|---------|------------|-----------------------------------------------------------------------------------------------------------|------------|---------|------------|----------------------------------|-------|-------|-----|--------|
| 20250403                                             | A4  | EN20250403001 | Modify pad dimension from 0.6mm to 0.55mm | Rio Pan | Larry Yang | <div>GENERAL TOLERANCE</div> <div><div>SMS</div>东莞市思索技术股份有限公司<br/>Dongguan SESO Technology Co.,Ltd.</div> |            |         |            | PART NO.<br>2044WRS-DXXX-10TSRXR |       |       |     |        |
| 20241017                                             | A3  | /             | Update surface                            | Rio Pan | Larry Yang |                                                                                                           |            |         |            | TITLE                            |       |       |     |        |
| 20240826                                             | A2  |               | Update surface                            | Rio Pan | Larry Yang |                                                                                                           |            |         |            | 2.00 WTB CONN                    |       |       |     |        |
| DATE                                                 | REV | ECN NO        | DESCRIPTION                               | MODIFY  | APPROVAL   |                                                                                                           |            |         |            |                                  |       |       |     |        |
| <div>PROJECT</div> <div><div></div><div></div></div> |     |               |                                           |         |            | APPROVAL                                                                                                  | CHECK      | DRAWN   | DATE       | UNIT                             | SCALE | SHEET | REV | NUMBER |
|                                                      |     |               |                                           |         |            | Jack Zhang                                                                                                | Larry Yang | Rio Pan | 2022/10/22 | mm                               | 1:1   | 2/2   | A4  | CD     |