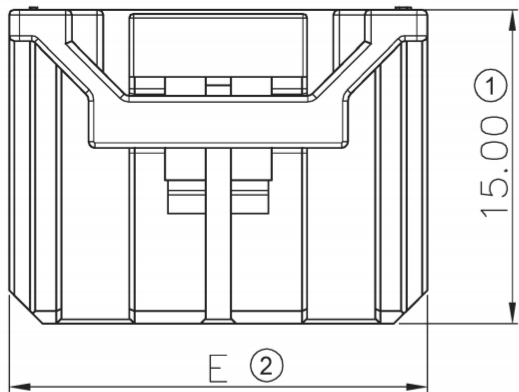
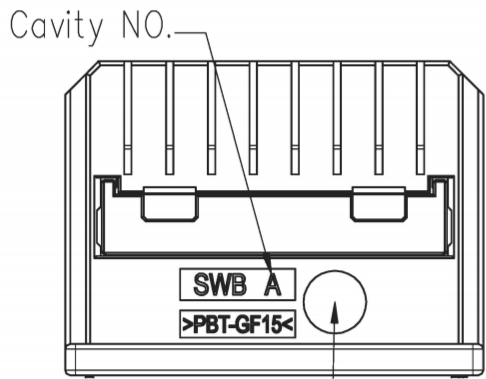
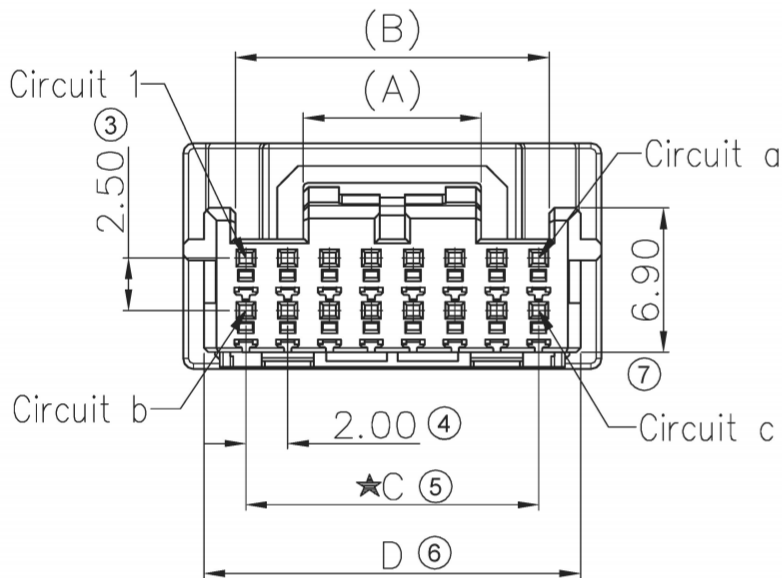


RoHS

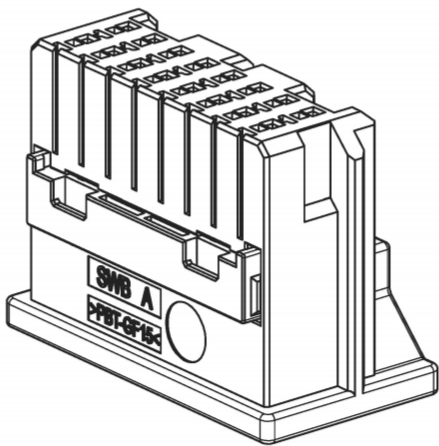
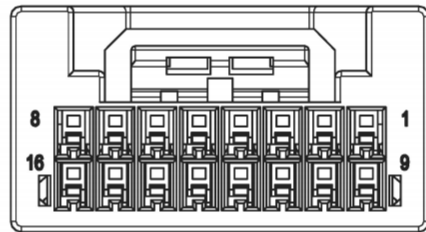
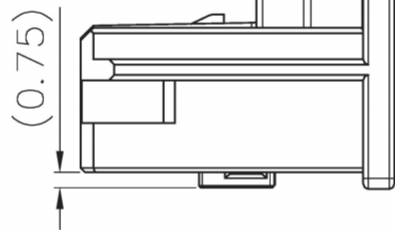
This products can apply to the SESO Doc NO. QA-3-04-005 of Environmental&Material Management Rules



A VIEW



B VIEW



Specifications :

- Voltage rating: 50V Max. AC/DC
- Withstanding voltage: 500V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance: 100MΩ min./500V DC/Minute
- Mates With SWB Terminal: 2024TF-XXX-X
- Mates With SWB Wafer: 2024WRS-2*XXX
- Symbols for SPC dimensions: " ★ "
- Product Specification: PS-2024-02
- Packaging Drawing: PK-2024A-2*XXX-PTBK

2024 A - 2*XX X - PT XX

① ② ③ ④ ⑤ ⑥

- ① Series No.: 2024
② Category: A-Housing Sub-Assembly
③ Row No.-Pin No: 2*XX-Double Row 2*04~2*20Pin
④ Special No.: A-Coding A ,Black
B-Coding B ,Natural color
C-Coding C ,Gray
D-Coding D ,Blue
E-Coding E ,Orange
F-Coding F ,Brown
⑤ Plastic material: PT-PBT UL94V-0
⑥ Color: BK-Black NC-Natural color GY-Gray BL-Blue
OG-Orange BR-Brown

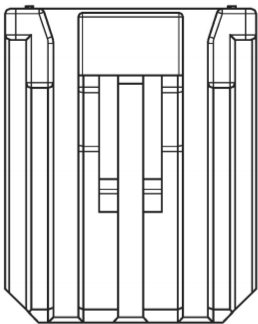
Poles	Dimensions/mm				
	A	B	C	D	E
2*04	5.00	7.40	6.00	10.00	12.00
2*05	6.50	9.40	8.00	12.00	14.00
2*06	8.50	11.40	10.00	14.00	16.00
2*07	8.50	13.00	12.00	16.00	18.00
2*08	8.50	15.00	14.00	18.00	20.00
2*09	8.50	17.00	16.00	20.00	22.00
2*10	8.50	19.00	18.00	22.00	24.00
2*11	8.50	21.00	20.00	24.00	26.00
2*12	8.50	23.00	22.00	26.00	28.00
2*13	8.50	25.00	24.00	28.00	30.00
2*14	8.50	27.00	26.00	30.00	32.00
2*15	8.50	29.00	28.00	32.00	34.00
2*16	8.50	31.00	30.00	34.00	36.00
2*17	8.50	33.00	32.00	36.00	38.00
2*18	8.50	35.00	34.00	38.00	40.00
2*19	8.50	37.00	36.00	40.00	42.00
2*20	8.50	39.00	38.00	42.00	44.00

20230922	A3	/	ADD Coding F	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.				
20230914	A2	/	ADD Coding E	Zhou	Meng Yang					2024A-2*XXX-PTXX				
20230102	A1	/	New colour	Yahui Zhang	Hong Zou					TITLE				
										2.00 WTB CONN. ASSY				
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	Jack Zhang	Meng Yang	Yahui Zhang	2022/07/28	UNIT	SCALE	SHEET	REV	NUMBER
										mm	1:1	1/2	A3	A-000

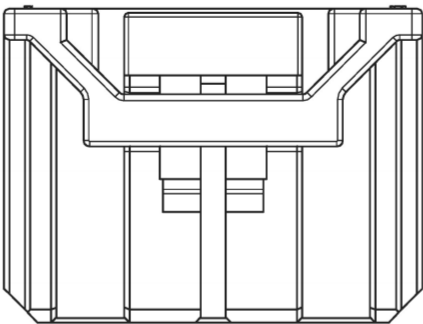
RoHS

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

2*04~2*07 Pin

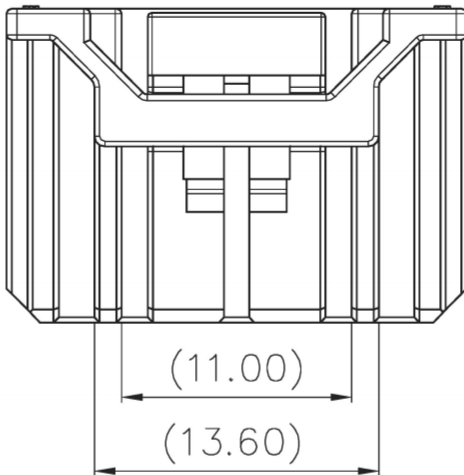


2*08 Pin

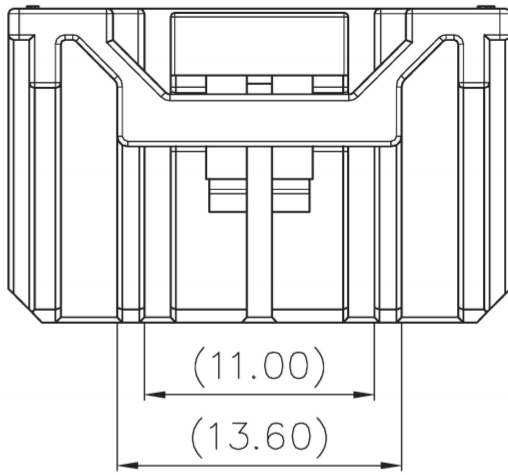


A VIEW

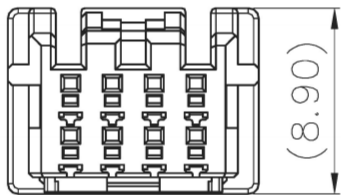
2*09 Pin



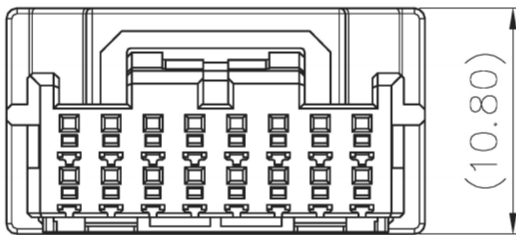
2*10~2*20 Pin



B VIEW



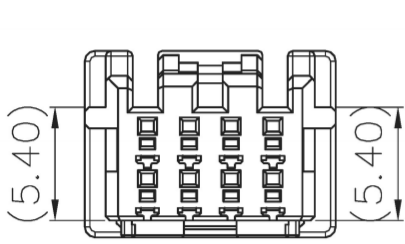
2*04~2*07 Pin



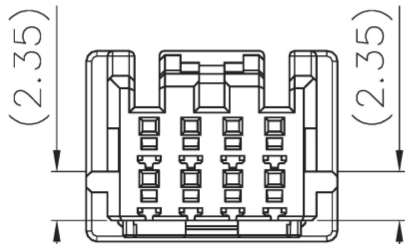
2*08~2*20 Pin



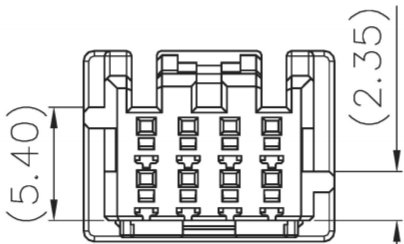
Coding type



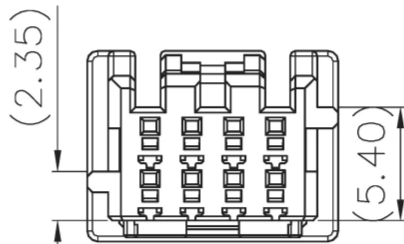
Coding A
Black



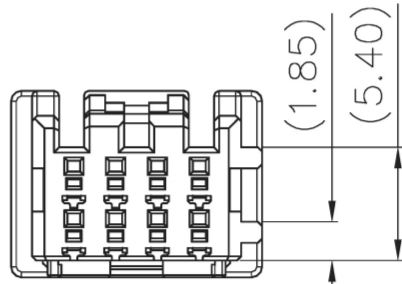
Coding B
Natural color



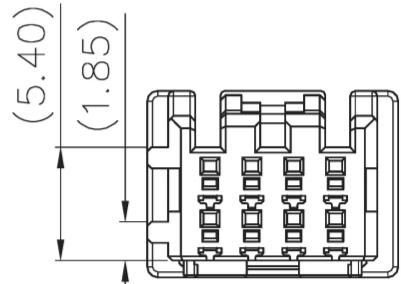
Coding C
Gray



Coding D
Blue



Coding E
Orange



Coding F
Brown

20230922	A3	/	ADD Coding F	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 Yahui Zhang 2022/07/28	PART NO.					2024A-2*XXX-PTXX				
20230914	A2	/	ADD Coding E	Zhou	Meng Yang		TITLE					2.00 WTB CONN. ASSY				
20230102	A1	/	New colour	Yahui Zhang	Hong Zou		UNIT	SCALE	SHEET	REV	NUMBER					
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL		mm	1:1	2/2	A3	A-000					

RoHS

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

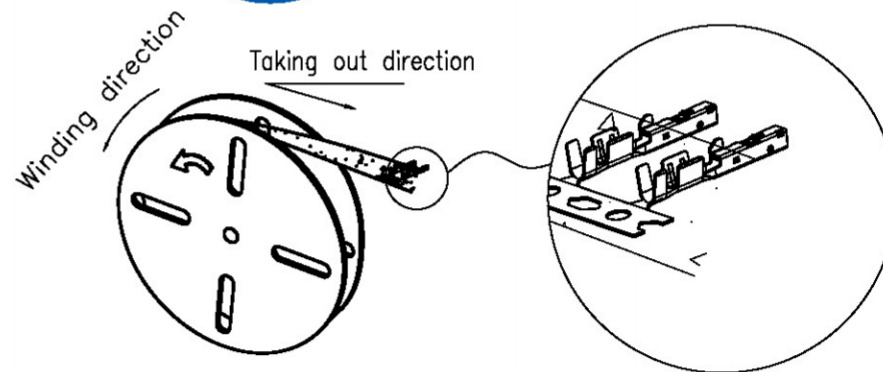
RD-1

■ 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-HY2B
- Product Specification:PS-2024-02
- Symbols for SPC Dimensions:"★"

2024 T X F - H X X - A
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- ① Series No.:2024
② Category:T-Terminal
③ Shape:Blank-Common Feet ;
L-Low Feet
④ Connector Type:F-Female terminal
⑤ Material:H-LV214 Material
⑥ Plating Code: Y2-40~120u"(1~3um) TIN
G1-Underplate Ni 40~120u"(1~3um) ;
Area 1 Plating Au 1U"(0.025um)Min
⑦ Plating Process: B-Stamping After Plating
Blank-Stamping Before Plating
⑧ Special No.:A



2024TLF-HG1-A	AWG#30~26 (0.05~0.13mm ²)	ø0.9mm Max	1.14	1.13	1.36	1.56
2024TLF-HY2B-A						
2024TF-HG1-A	AWG#24~22 (0.22~0.35mm ²)	ø1.3mm Max	1.57	1.73	1.85	2.22
2024TF-HY2B-A						
Part NO.	Wire Range	Insulation O.D.	DIM A	DIM B	DIM C	DIM D

20221128	A1	/	Added low foot size	Yahui Zhang	Meng Yang
20220728	A0	/	Initial release	Yahui Zhang	John Yang
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL

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	Meng Yang	Yahui Zhang	2022/11/28

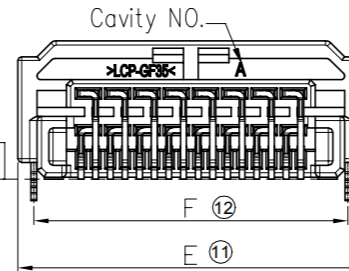
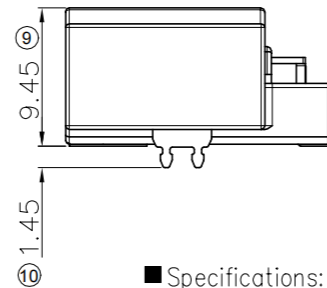
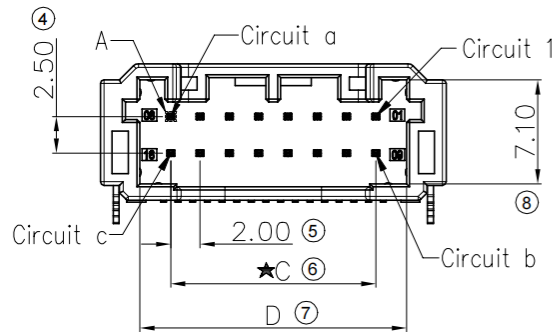
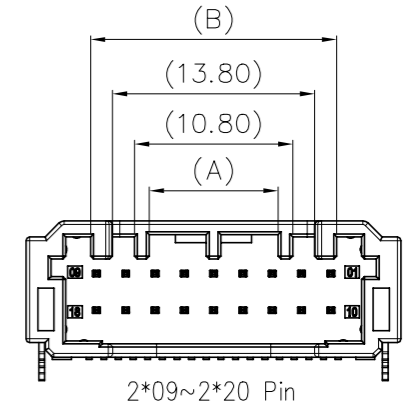
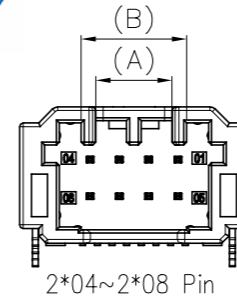
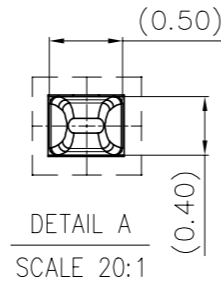
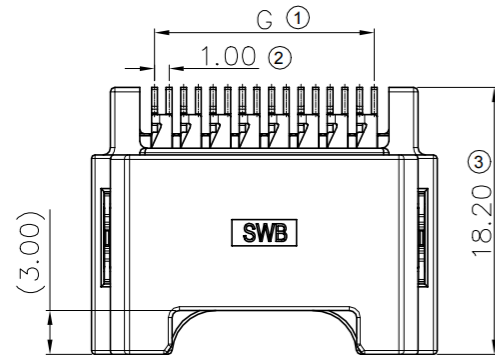
PART NO.	2024TF-HXX-A
TITLE	Female Terminal
UNIT	mm
SCALE	4:1
SHEET	1/1
REV	A1
NUMBER	A-000

RoHS

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



A VIEW



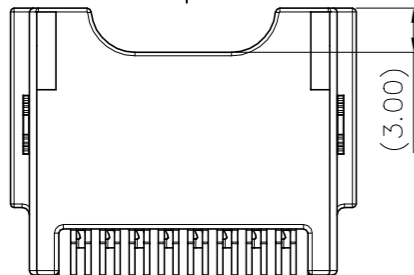
2024 W R S-2*XX X-LP SW1 X R
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① Series No.: 2024
② Category: W-Wafer
③ Connector Type: R-Right Angle 90°
④ Mounting Type: S-SMT
⑤ Row No.-Pin No.:
2*XX-Double Row-2x04~2x20Pin
⑥ Special NO.: A-Coding A ,Black
B-Coding B ,Natural color
C-Coding C ,Gray
D-Coding D ,Blue
E-Coding E ,Orange
F-Coding F ,Brown
⑦ Plastic Material: LP-LCP (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 N-Natural color G-Gray L-Blue
O-Orange Z-Brown
⑩ Packing: R-Reel

■ Specifications:

- Voltage Rating: 50V AC/DC
- Current Rating: 3A AC/DC
- Withstanding Voltage: 500V AC/Minute
- Temperature Range: -40°C~+125°C
- Insulation Resistance: 100M Ω Min./500V DC/Minute
- Contact Resistance: $\leq 25m\Omega$ (After Testing)
- Mates With Housing: 2024A-2*XXX
- Product Specification: PS-2024-02
- Packaging Drawing: PK-2024WRS-2*XXX-LPSW1BR
- Symbols for SPC Dimensions: "★"
- Recommended solder thickness is 0.15mm

A VIEW

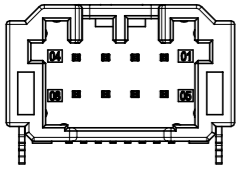


20230922	A3	/	ADD Coding F	Zhou	Larry Yang	GENERAL TOLERANCE				SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				PART NO.								
						.X ±0.35								2024WRS-2*XXX-LPSW1XR								
20230914	A2	/	ADD Coding E	Zhou	Meng Yang	.XX ±0.25								TITLE2.00mm WFA ASSY right-angle SMT								
20230102	A1	/	New colour	Yahui Zhang	Meng Yang	.XXX±0.15																
						X.* ±2*								APPROVAL	CHECK	DRAWN	DATE	UNITSCALESHEETREVNUMBER				
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT 				Jack Zhang	Meng Yang	Cai Zhao	2021/09/03	mm	1:1	1/2	A3	A-000				

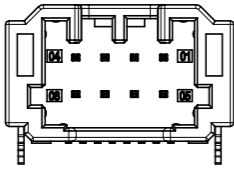
RoHS

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

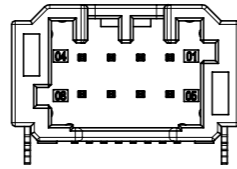
Coding type



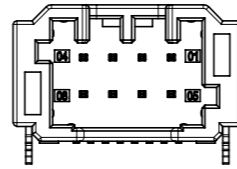
Coding A
Black



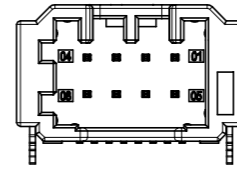
Coding B
Natural color



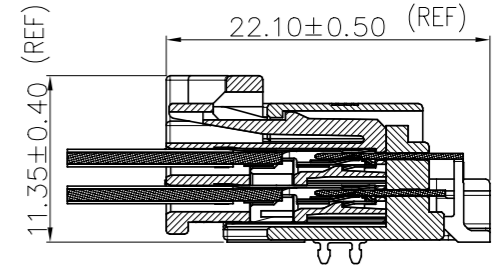
Coding C
Gray



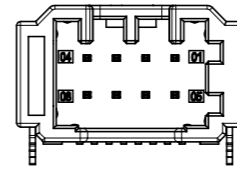
Coding D
Blue



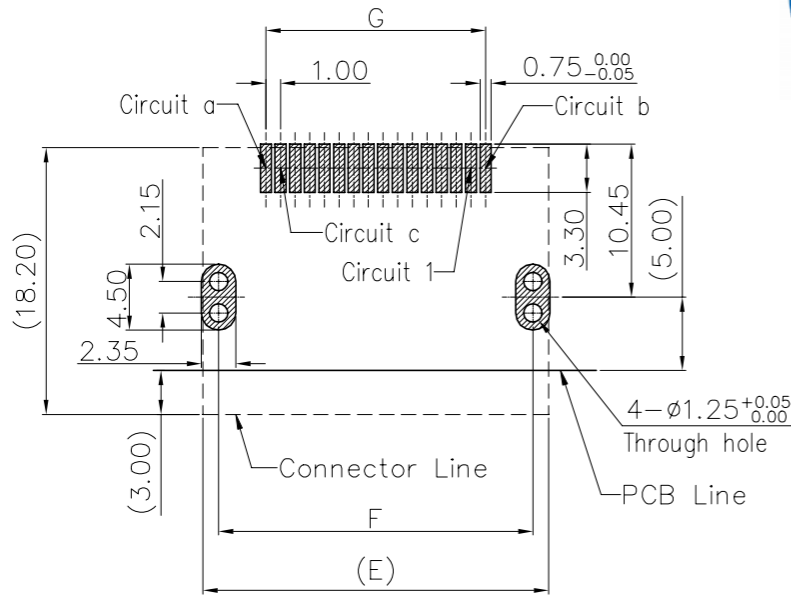
Coding E
Orange



Housing and Wafer Assembly drawing



Coding F
Brown



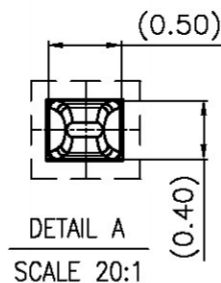
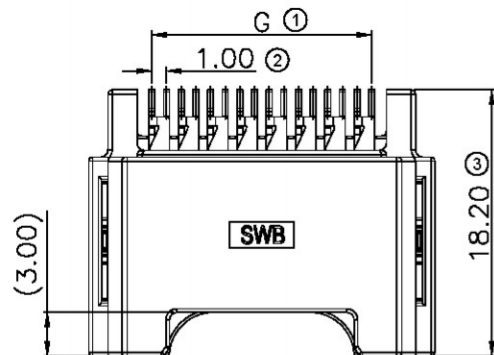
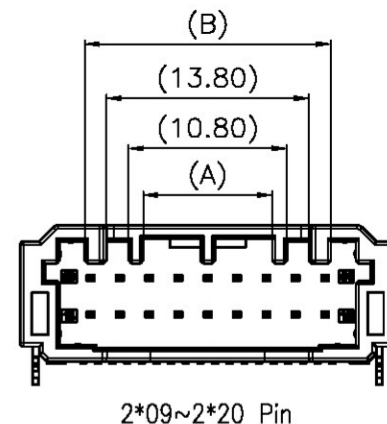
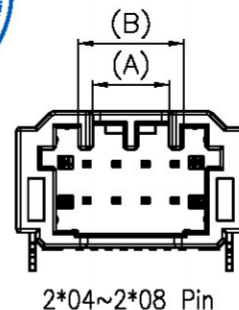
Recommended P.C.B Layout(T=1.6mm)

General tolerance ± 0.05

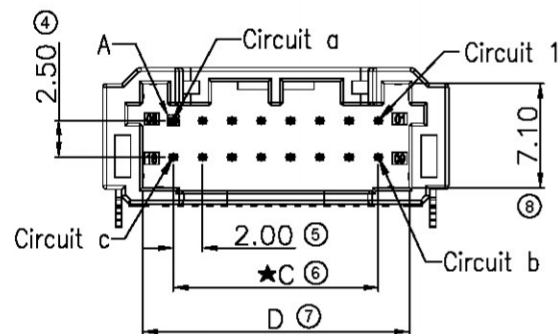
Poles	Dimensions/mm						
	A	B	C	D	E	F	G
2*04	5.20	7.20	6.00	10.20	15.60	13.45	7.00
2*05	6.80	9.20	8.00	12.20	17.60	15.45	9.00
2*06	8.80	11.20	10.00	14.20	19.60	17.45	11.00
2*07	8.80	12.80	12.00	16.20	21.60	19.45	13.00
2*08	8.80	14.80	14.00	18.20	23.60	21.45	15.00
2*09	8.80	16.80	16.00	20.20	25.60	23.45	17.00
2*10	8.80	18.80	18.00	22.20	27.60	25.45	19.00
2*11	8.80	20.80	20.00	24.20	29.60	27.45	21.00
2*12	8.80	22.80	22.00	26.20	31.60	29.45	23.00
2*13	8.80	24.80	24.00	28.20	33.60	31.45	25.00
2*14	8.80	26.80	26.00	30.20	35.60	33.45	27.00
2*15	8.80	28.80	28.00	32.20	37.60	35.45	29.00
2*16	8.80	30.80	30.00	34.20	39.60	37.45	31.00
2*17	8.80	32.80	32.00	36.20	41.60	39.45	33.00
2*18	8.80	34.80	34.00	38.20	43.60	41.45	35.00
2*19	8.80	36.80	36.00	40.20	45.60	43.45	37.00
2*20	8.80	38.80	38.00	42.20	47.60	45.45	39.00

A	20230922	A3	/	ADD Coding F	Zhou	Larry Yang	GENERAL TOLERANCE				PART NO.			
	20230914	A2	/	ADD Coding E	Zhou	Meng Yang	.X ± 0.35				2024WRS-2*XXX-LPSW1XR			
	20230102	A1	/	New colour	Yahui Zhang	Meng Yang	.XX ± 0.25				TITLE			
	DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	.XXX ± 0.15				2.00mm WF			
							X' $\pm 2'$				ASSY right-angle SMT			
							PROJECT				UNIT	SCALE	SHEET	REV
							APPROVAL				mm	1:1	2/2	A3
							CHECK				NUMBER			
							DRAWN				A-000			
							DATE							
							2021/09/03							

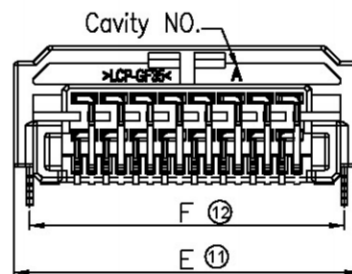
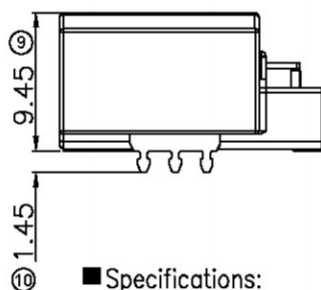
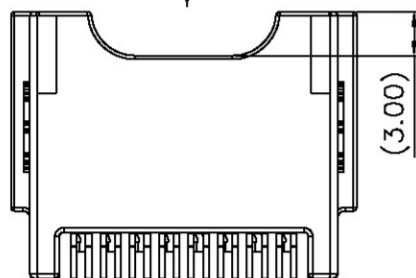
RoHS

This products can apply to the SESO Doc NO. QA-3-04-005
of Environmental&Material Management RulesDETAIL A
SCALE 20:1

A VIEW



A VIEW



■ Specifications:

- Voltage Rating:50V AC/DC
- Current Rating:3A AC/DC
- Withstanding Voltage:500V AC/Minute
- Temperature Range:-40°C~+125°C
- Insulation Resistance:100M Ω Min./500V DC/Minute
- Contact Resistance:<25m Ω (After Testing)
- Mates With Housing:2024A-2*XXX
- Product Specification:PS-2024-02
- Packaging Drawing:PK-2024WRS-2*XXX-LPSW1BR
- Symbols for SPC Dimensions:"★"
- Recommended solder thickness is 0.15mm

2024 W R S-2*XX XX-LP 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 Mounting Type:S-SMT
- ⑤ Row No.-Pin No.:
2*XX-Double Row-2x04~2x20Pin
- ⑥ Special NO.: A3-Coding A ,Black
B3-Coding B ,Natural color
C3-Coding C ,Gray
D3-Coding D ,Blue
- ⑦ Plastic Material:LP-LCP (UL94V-0)
- ⑧ Planting Code:SW1-Matte Tin
Underplate:Ni 40~120u"(1~3um) overall
Top Plating:Sn 80~200u"(2~5um) overall
- ⑨ Color:B-Black N-Natural color G-Gray L-Blue
- ⑩ Packing:R-Reel

A	20230102	A1	/	New colour	Yahui Zhang	Meng Yang
	20220728	A0	/	Initial release	Yahui Zhang	hong zou
	DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL

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

Youlin Liu

hong zou

Cai Zhao

2022/04/29

PART NO.

2024WRS-2*XXXX-LPSW1XR

TITLE

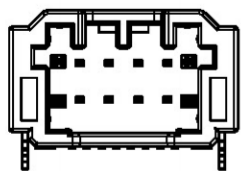
2.00mm WF
ASSY right-angle SMT

UNIT	SCALE	SHEET	REV	NUMBER
mm	2:1	1/2	A1	A-000

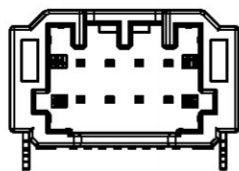
RoHS

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

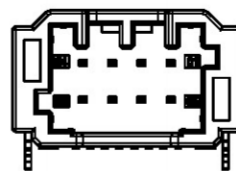
Coding type



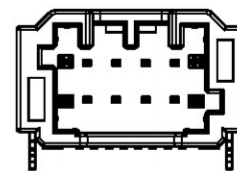
Coding A
Black



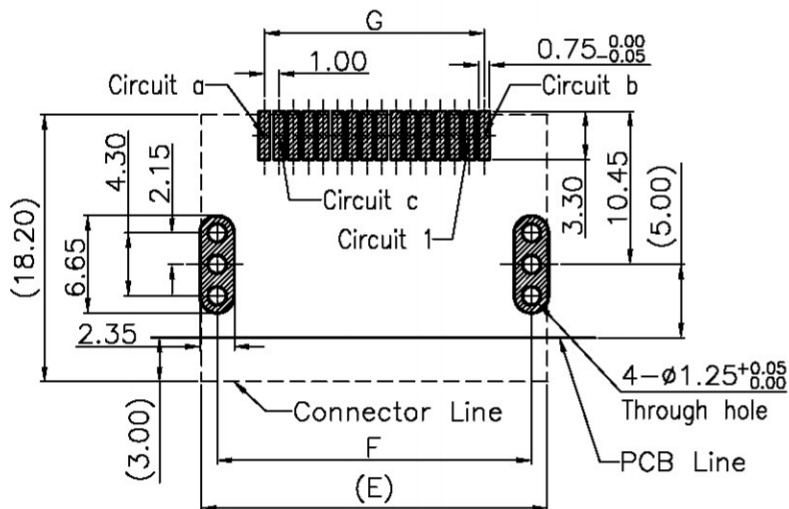
Coding B
Natural color



Coding C
Gray



Coding D
Blue



Recommended P.C.B Layout(T=1.6mm)

General tolerance ± 0.05

Poles	Dimensions/mm						
	A	B	C	D	E	F	G
2*04	5.20	7.20	6.00	10.20	15.60	13.45	7.00
2*05	6.80	9.20	8.00	12.20	17.60	15.45	9.00
2*06	8.80	11.20	10.00	14.20	19.60	17.45	11.00
2*07	8.80	12.80	12.00	16.20	21.60	19.45	13.00
2*08	8.80	14.80	14.00	18.20	23.60	21.45	15.00
2*09	8.80	16.80	16.00	20.20	25.60	23.45	17.00
2*10	8.80	18.80	18.00	22.20	27.60	25.45	19.00
2*11	8.80	20.80	20.00	24.20	29.60	27.45	21.00
2*12	8.80	22.80	22.00	26.20	31.60	29.45	23.00
2*13	8.80	24.80	24.00	28.20	33.60	31.45	25.00
2*14	8.80	26.80	26.00	30.20	35.60	33.45	27.00
2*15	8.80	28.80	28.00	32.20	37.60	35.45	29.00
2*16	8.80	30.80	30.00	34.20	39.60	37.45	31.00
2*17	8.80	32.80	32.00	36.20	41.60	39.45	33.00
2*18	8.80	34.80	34.00	38.20	43.60	41.45	35.00
2*19	8.80	36.80	36.00	40.20	45.60	43.45	37.00
2*20	8.80	38.80	38.00	42.20	47.60	45.45	39.00

20230102	A1	/	New colour	Yahui Zhang	Meng Yang
20220728	A0	/	Initial release	Yahui Zhang	hong zou
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL

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

Youlin Liu hong zou Cai Zhao 2022/04/29

PART NO.

2024WRS-2*XXXX-LPSW1XR

TITLE

2.00mm WF

ASSY right-angle SMT

UNIT SCALE SHEET REV NUMBER

mm 2:1 2/2 A1 A-000