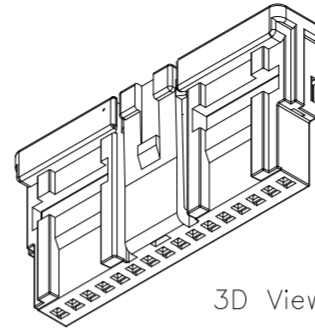
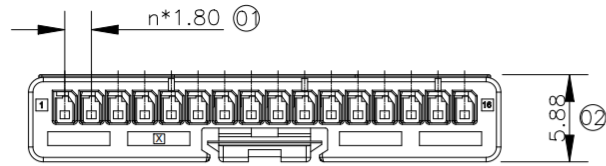


RoHS

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



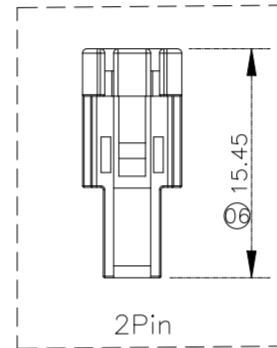
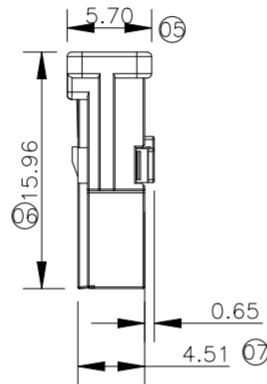
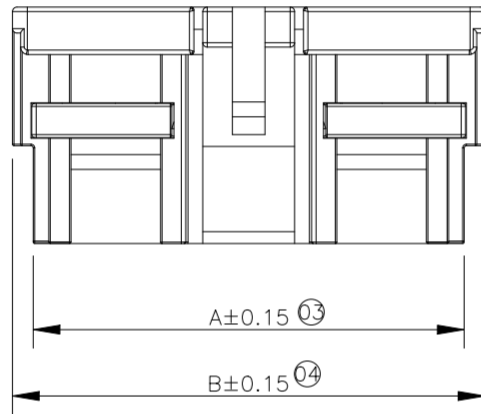
3D Views



■ Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 1A AC / DC
- Contact resistance: $\leq 10\text{m}\Omega$
- After environmental testing: $\leq 20\text{m}\Omega$
- Insulation resistance: $\geq 100\text{M}\Omega$
- Withstanding voltage: 650V AC/minute
- Temperature range: $-40^\circ\text{C} \sim +125^\circ\text{C}$

Symbols for SPC Dimensions:★



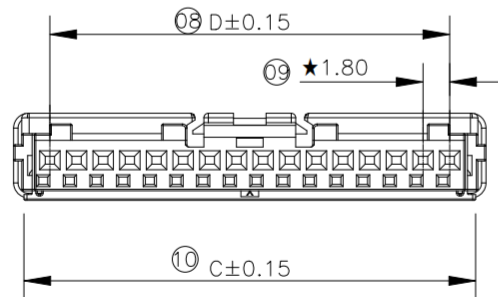
2Pin

Dimensions/mm

PIN	A	B	C	D
02	3.9	6.7	5.3	1.80
04	7.5	10.3	8.9	5.40
06	11.1	13.9	12.5	9.00
08	14.7	17.5	16.1	12.60
10	18.3	21.1	19.7	16.20
12	21.9	24.7	23.3	19.80
14	25.5	28.3	26.9	23.40
16	29.1	31.9	30.5	27.00

1807 A M-XX-10T BK
① ② ③ ④ ⑤ ⑥

- ① Series No.: 1807
② Category: A-Housing Sub-Assembly
③ Connector Type: M-Male Housing
④ Row No.-Pin No:
XX -Single Row 02~16 pin
⑤ Plastic material: 10T-PA10T UL94V-0
⑥ Color: BK-Black



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.

PART NO.

1807AM-XX-10TBK

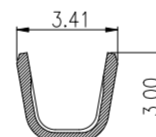
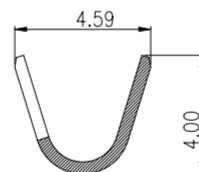
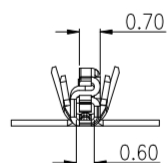
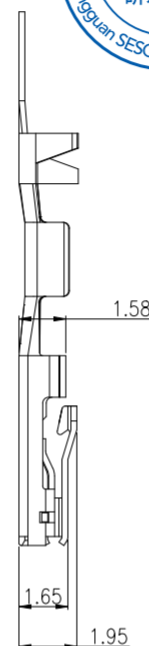
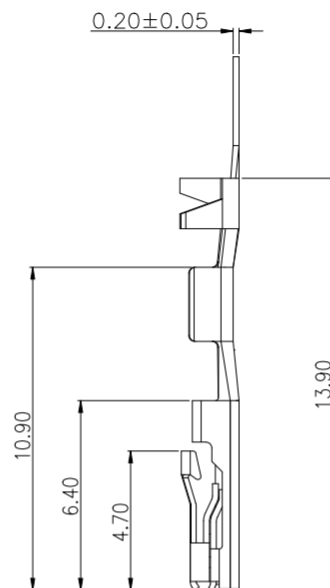
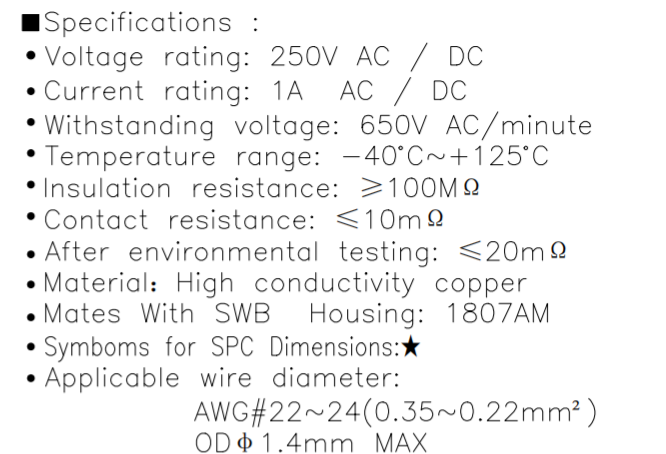
TITLE

1.8mm Pitch Male Housing

UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	A0	CD

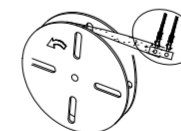
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT	APPROVAL	CHECK	DRAWN	DATE
20250331	A0	/	Initial release	Dingping Ou	Larry Yang	PROJECT	APPROVAL	CHECK	DRAWN	DATE
20250331	A0	/	Initial release	Dingping Ou	Larry Yang	PROJECT	APPROVAL	CHECK	DRAWN	DATE

Jack Zhang Larry Yang Dingping Ou 2022/03/28



SECTION B-B
SCALE 2:1

SECTION C-C
SCALE 2:1

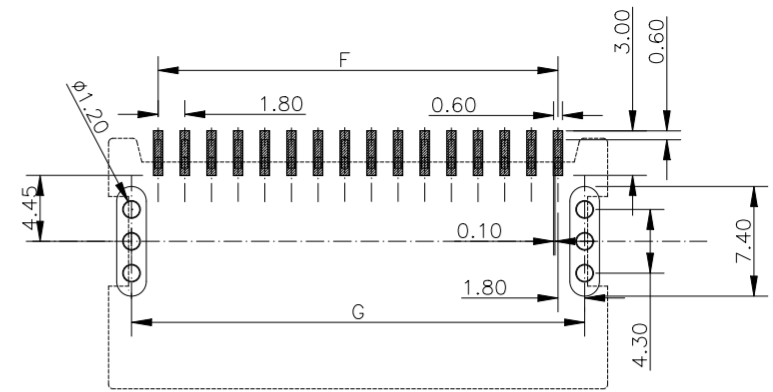


Winding direction

A						GENERAL TOLERANCE				DWG NO. 1807TX-HY2B								
						.X ±0.35				SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.								
						.XX ±0.25												
						.XXX±0.15												
						X: ±2°												
						PROJECT				APPROVAL	CHECK	DRAWN	DATE	TITLE 1.80mm Cimp Terminal				
										Jack Zhang	Joshua Liu	Rio Pan	2022/09/20	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



Recommended P.C.B LAYOUT, General Tolerance ± 0.05
When mounting, Thickness of solder paste: $0.12 \sim 0.15 \text{ mm}$

Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 1A AC / DC
- Withstanding voltage: 650 V AC/minute
- Temperature range: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$
- Insulation resistance: $\geq 100 \text{ M}\Omega$
- Contact resistance: $\leq 10 \text{ m}\Omega$
- After environmental testing: $\leq 20 \text{ m}\Omega$
- Symbols for SPC Dimensions: ★

1807 W R S-XX-9T SW1 B R
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- ① Series No.: 1807
- ② Category: W-wafer
- ③ Connector Type: R- 90°
- ④ Mounting Type: S-SMT
- ⑤ Row No.-Pin No: XX-Single Row 02~16Pin
- ⑥ Plastic Material: 9T-PA9T UL94V-0
- ⑦ Plating Code: SW1-Matte Tin
- ⑧ Color: BK-Black
- ⑨ Packing: R-Reel

Dimensions/mm							
PIN	A	B	C	D	E	F	G
02	1.8	4.0	5.4	6.9	8.5	1.8	5.4
04	5.4	7.6	9.0	10.5	12.1	5.4	9.0
06	9.0	11.2	12.6	14.1	15.7	9.0	12.6
08	12.6	14.8	16.2	17.7	19.3	12.6	16.2
10	16.2	18.4	19.8	21.3	22.9	16.2	19.8
12	19.8	22.0	23.4	24.9	26.5	19.8	23.4
14	23.4	25.6	27.0	28.5	30.1	23.4	27.0
16	27.0	29.2	30.6	32.1	33.7	27.0	30.6

GENERAL TOLERANCE

.X ± 0.35

.XX ± 0.25

.XXX ± 0.15

X: $\pm 2^{\circ}$

PROJECT

PROJECT

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

PART NO.

1807WRS-XX-9TSW1BR

TITLE

1.80mm Pitch CONN

UNIT

mm

SCALE

1:1

SHEET

1/1

REV

A0

NUMBER

CD

20250331

A0

/

Initial release

Dingping Ou

Larry Yang

DATE

REV

ECN NO.

DESCRIPTION

MODIFY

APPROVAL

APPROVAL

CHECK

DRAWN

DATE

Jack Zhang

Larry Yang

Dingping Ou

2022/03/28