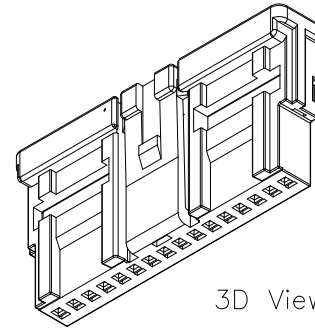
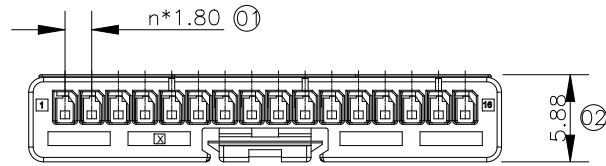
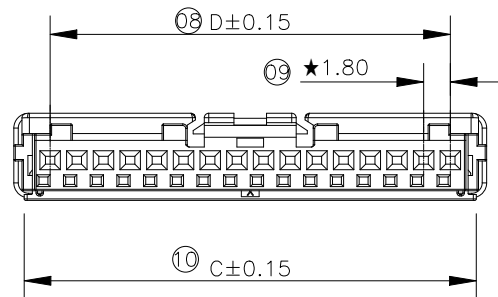
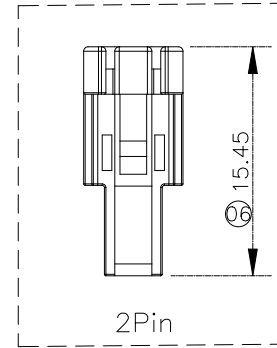
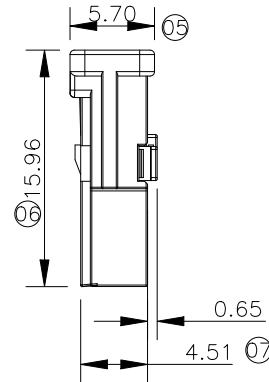
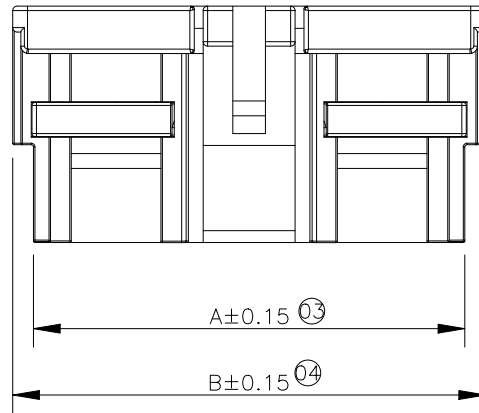


RoHS

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



3D Views



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

■ 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:★

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						PART NO. 1807AM-XX-10TBK			
.X ± 0.35						TITLE 1.8mm Pitch Male Housing			
.XX ± 0.25						UNIT SCALE SHEET REV NUMBER			
.XXX ± 0.15						mm 1:1 1/1 A0 CD			
X' $\pm 2^{\circ}$						APPROVAL CHECK DRAWN DATE			
PROJECT						Jack Zhang Larry Yang Dingping Ou 2022/03/28			
20250331	A0	/	Initial release	Dingping Ou	Larry Yang				
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL				

RoHS

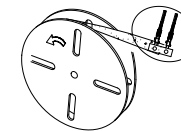
This products can apply to the SESO Doc NO. QA-3-04-005
of Environmental&Material Management Rules

■ Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 1A AC / DC
- Withstanding voltage: 650V 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: $\leq 20\text{m}\Omega$
- Material: High conductivity copper
- Mates With SWB Housing: 1807AM
- Symbols for SPC Dimensions:★
- Applicable wire diameter:
AWG#22~24(0.35~0.22mm²)
OD $\Phi 1.4\text{mm}$ MAX

1807 T X - H Y2 B
① ② ③ ④ ⑤ ⑥

- ① Series No.: 1807
② Category: T-Terminal
③ Appearance type: Blank-Ordinary
④ Material: H-Copper Alloy
⑤ Plating Code: Y2-40~120u"(1~3um) TIN
⑥ Plating Process: B-Stamping After Plating

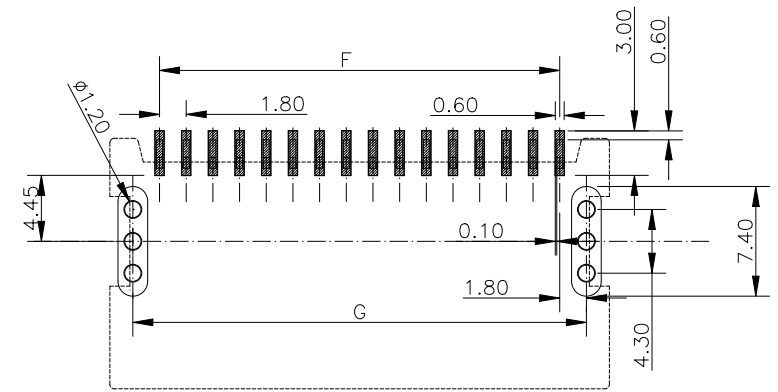


Winding direction

						GENERAL TOLERANCE				SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.				DWG NO.				
						.X ±0.35								1807TX-HY2B				
						.XX ±0.25								TITLE				
						.XXX±0.15								1.80mm Cimp Terminal				
20250331	A0	/	Initial release	Dingping Ou	Jack Zhang	X: ±2°				APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT				Jack Zhang	Joshua Liu	Dingping Ou	2022/09/20	mm	1:1	1/1	A0	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				SMS 东莞市思索技术股份有限公司 Dongguan SESO Technology Co.,Ltd.					PART NO. 1807WRS-XX-9TSW1BR				
						.X ±0.35									TITLE				
						.XX ±0.25									1.80mm Pitch CONN				
						.XXX±0.15									X: ±2°				
20250331	A0	/	Initial release	Dingping Ou	Larry Yang	PROJECT				APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER	
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL					Jack Zhang	Larry Yang	Dingping Ou	2022/03/28	mm	1:1	1/1	A0	CD	