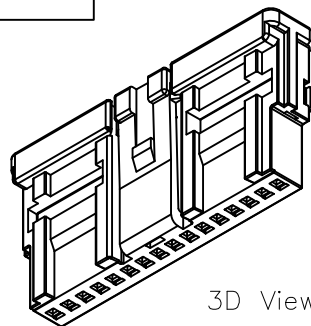
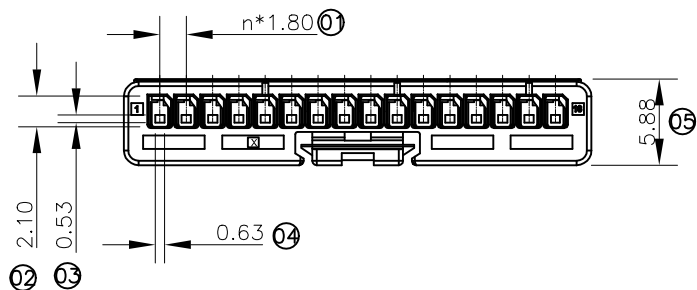
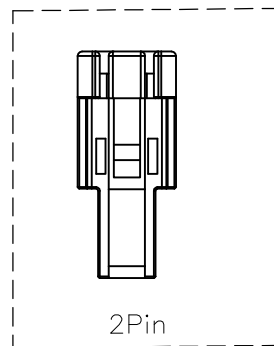
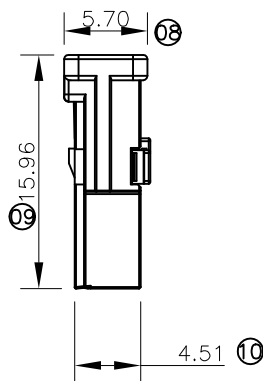


RoHS

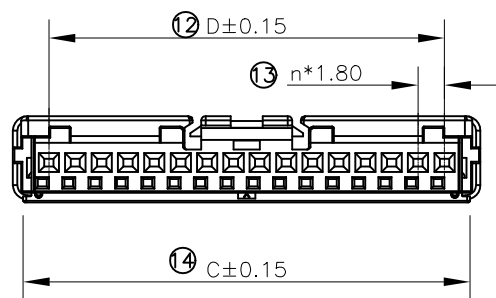
This products can apply to the HRS Doc NO. QA-3-04-005
of Environmental&Material Management Rules



3D Views



2Pin



Dimensions/mm

PIN	A	B	C	D
02	3.9	6.7	5.3	1.80
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: $-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$

HRS-1807 A M-XX-10T BK
① ② ③ ④ ⑤ ⑥

- ① Series No.: HRS-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.' $\pm 2'$

PROJECT



Horus Int. Electronics Co., LTD.

Horus Int. Electronics Co., LTD.

APPROVAL

CHECK

DRAWN

DATE

Jason Huang

Meng.Yang

Dingping.O

2022/4/28

PART NO.

HRS-1807AM-XX-10TBK

TITLE

1.8mm Pitch Male Housing

UNIT

SCALE

SHEET

REV

NUMBER

mm

2:1

1/1

A0

A-000

DATE

REV

ECN ON.

DESCRIPTION

MODIFY

APPROVAL

1

2

3

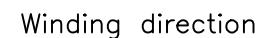
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5

6

7

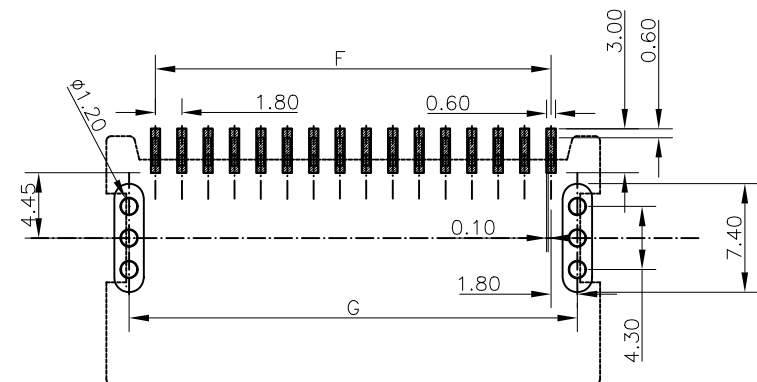
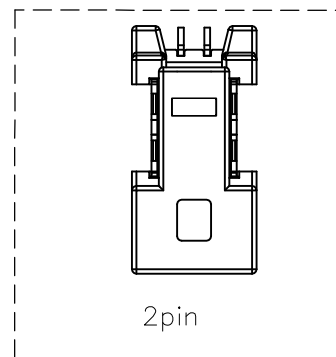
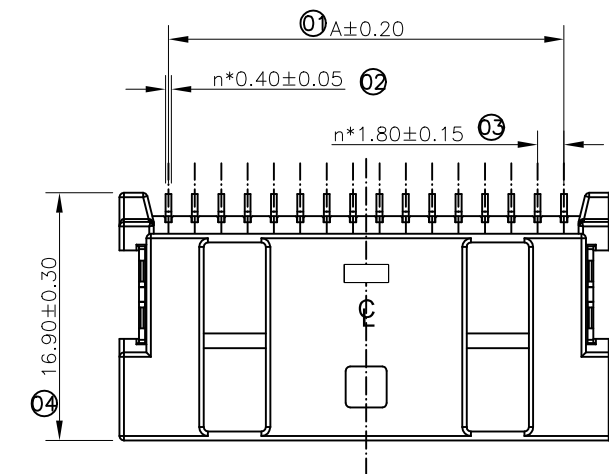
8



						GENERAL TOLERANCE	Horus Int. Electronics. Co., LTD. Horustech Electronics. Co., LTD.				PART NO. HRS-1807TX-HY2B								
						.X 0.35													
						.XX 0.25													
						.XXX±0.15													
						X.* ±2"	APPROVAL	CHECK	DRAWN	DATE	TITLE 1.80mm Cimp Terminal								
DATE	REV	ECN ON.	DESCRIPTION	MODIFY	APPROVAL	PROJECT 	Meng.Yang	/	Dingping.O	2022/9/20	UNIT mm	SCALE 4:1	SHEET 1/1	REV A0	NUMBER A-000				

RoHS

This products can apply to the HRS 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: 0.12~0.15mm

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: $\leq 20\text{m}\Omega$

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

① Series No.:

② Category: W-wafer

③ Connector Type: R- 90°

④ Mounting Type: S-SMT

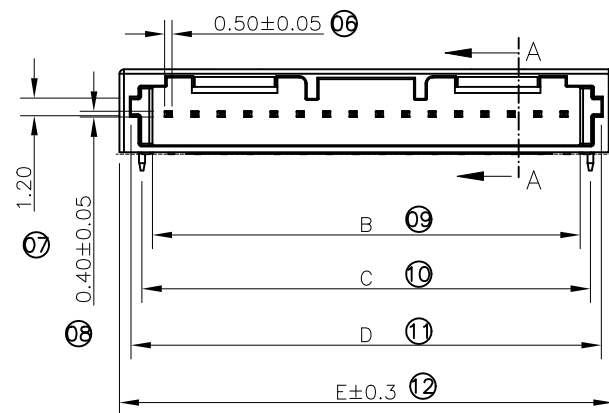
⑤ Row No.-Pin No: XX-Single Row 02~16Pin

⑥ Plastic Material: 9T-PA9T UL94V-0

⑦ Plating Code: SW1-Matte Tin

⑧ Color: BK-Black

⑨ Packing: R-Reel



0.1 ALL 13

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
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	 Horus Int. Electronics. Co., LTD.  Horustech Electronics. Co., LTD.				PART NO. HRS-1807WRS-XXX-9TSW1BR				
						.X ±0.35					TITLE 1.80mm Pitch CONN				
						.XX ±0.25									
						.XXX ±0.15	APPROVAL	CHECK	DRAWN	DATE	UNIT SCALE SHEET REV NUMBER mm 2:1 1/1 A0 A-000				
						X.* ±2"									
DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL	PROJECT 	Meng.Yang	/	DPin.O	2022/3/28					