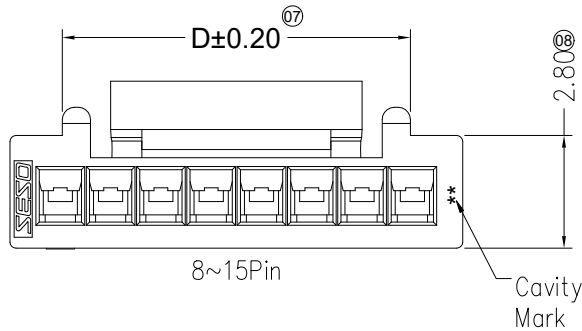
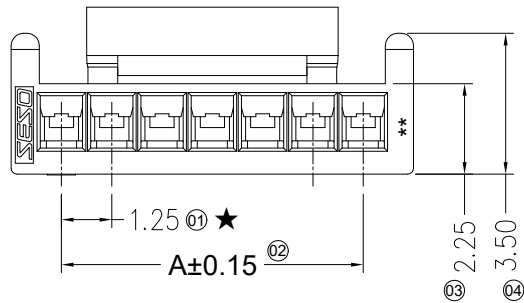


RoHS

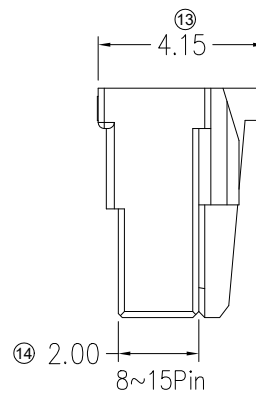
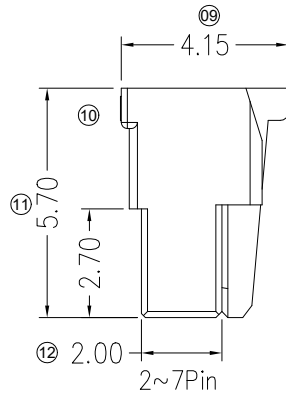
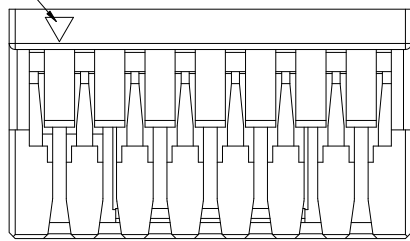
This products can apply to the HRS Doc NO. QA-3-04-005 of Environmental&Material Management Rules



Specifications :

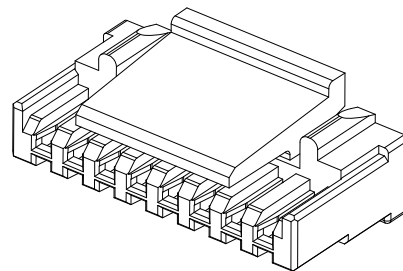
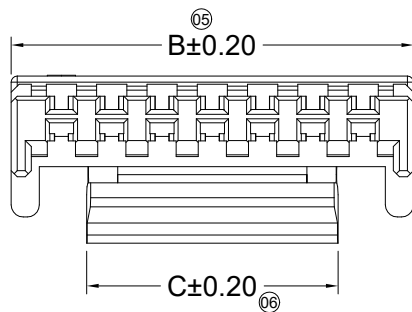
- Voltage rating: 50V AC / DC
- Current rating: 1A AC / DC
- Withstanding voltage: 500V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance: ≥100MΩ
- Contact resistance: <30mΩ
- After environmental testing: <50mΩ
- Suitable HRS Terminal:HRS-1251T
- Suitable HRS Wafer: HRS-1251W

Circuit 1



HRS-1251 H X -XX X-NO HF XX-S
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- ① Series No.
- ② Category:H-HSG
- ③ Connector type:Blank-ordinary
- ④ Row No.-Pin No per row: XX-02P~15P
- ⑤ Special No.:Blank-ordinary
B-Special Package
- ⑥ Material: N0-PA66 94V-0
- ⑦ HF-Halogen free
- ⑧ Color: N-Natural; B-Black; R-Red; L-Blue
- ⑨ Special NO.: S



Pin位	尺寸 (mm)				Pin位	尺寸 (mm)			
	A	B	C	D		A	B	C	D
02	1.25	3.75	2.10	/	09	10.00	12.50	6.25	8.65
03	2.50	5.00	3.00	/	10	11.25	13.75	8.20	10.70
04	3.75	6.25	4.05	/	11	12.50	15.00	8.20	10.70
05	5.00	7.50	4.25	/	12	13.75	16.25	8.20	10.70
06	6.25	8.75	6.25	/	13	15.00	17.50	8.20	10.70
07	7.50	10.00	6.25	/	14	16.25	18.75	8.20	10.70
08	8.75	11.25	6.25	8.65	15	17.50	20.00	8.20	10.70

GENERAL TOLERANCE

- .X ±0.35
- .XX ±0.25
- .XXX±0.15
- X.' ±2'

PROJECT



Horus Int. Electronics Co., LTD.
HorusTech Electronics Co., LTD.

APPROVAL: Jack Zhang
CHECK: Larry Yang
DRAWN: Xuexiaolong
DATE: 2022/12/05

PART NO. HRS-1251H-XXX-NOHF-S

TITLE: 1.25mm Crimp Style Connectors

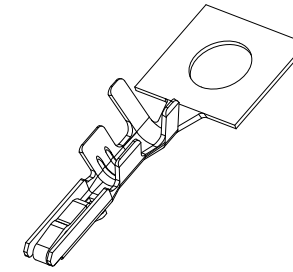
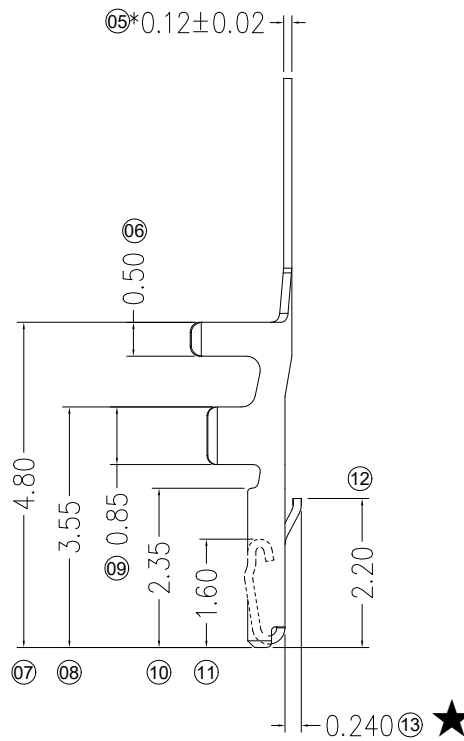
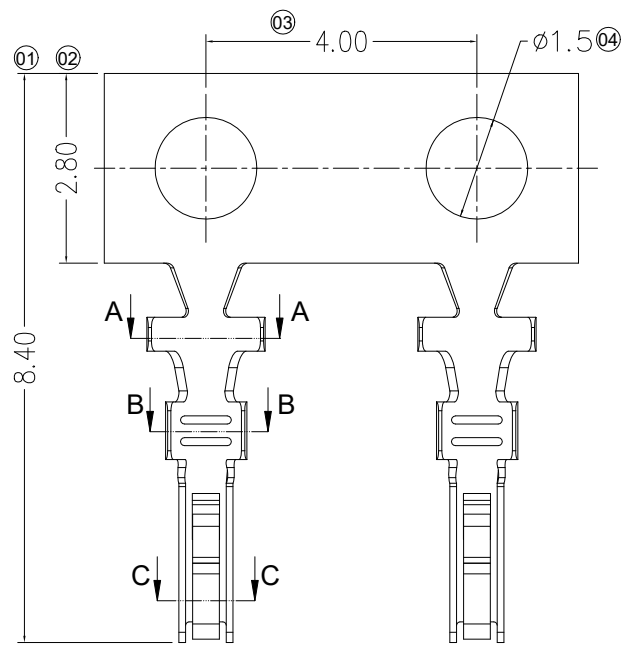
UNIT: mm
SCALE: 1:1
SHEET: 1/1
REV: AO
NUMBER: A-022

DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL
1	2	3	4	5	6

1 2 3 4 5 6 7 8

RoHS

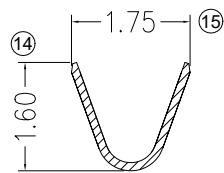
This products can apply to the HRS Doc NO. QA-3-04-005 of Environmental&Material Management Rules



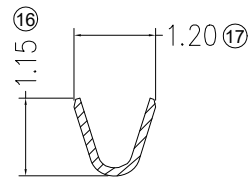
■ Specifications :

- Voltage rating: 50V AC / DC
- Current rating: 1A AC / DC
- Withstanding voltage: 500V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance: ≥100MΩ
- Contact resistance: <30mΩ
- After environmental testing: <50mΩ
- Material(Pin) :Phosphor bronze
- Wire Size: AWG # 26~28 (0.13~0.08mm²)
- Insulation φ O.D.:1.00mm (Max)
- Mates With HRS Housing : HRS-1251H

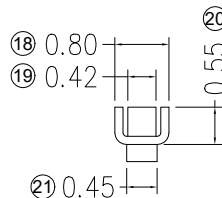
HRS-1251 T X - P XXX X - S
 ① ②③ ④ ⑤ ⑥ ⑦



SECTION A-A
SCALE 1:1



SECTION B-B
SCALE 1:1



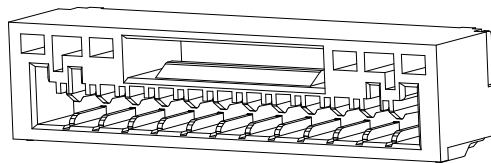
SECTION C-C
SCALE 1:1

- ① Series Number
- ② Category: T-terminal
- ③ Shape :Blank-ordinary
- ④ Material :P-Phosphor bronze
- ⑤ Plating style: V01-Gold Flash ; SN-Bright tin plating
- ⑥ Plating method :Blank-Stamping before plating
- ⑦ Mold No./Mark/Special No.

					GENERAL TOLERANCE .X ±0.35 .XX ±0.25 .XXX±0.15 X.' ±2' PROJECT 				Horus Int. Electronics. Co., LTD. Horustech Horustech Electronics. Co., LTD.				PART NO: HRS-1251TX-PXXXX-S TITLE: 1.25mm Crimp Style Connectors				
					APPROVAL	CHECK	DRAWN	DATE									
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	Jack Zhang	Larry Yang	Jane	2022/11/08	UNIT	SCALE	SHEET	REV	NUMBER			
1		2		4						mm	1:1	1/1	A0	A-000			

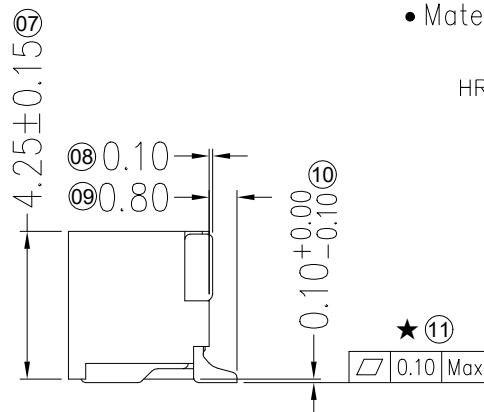
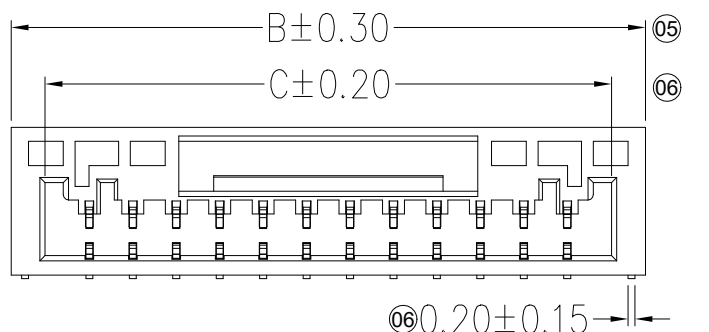
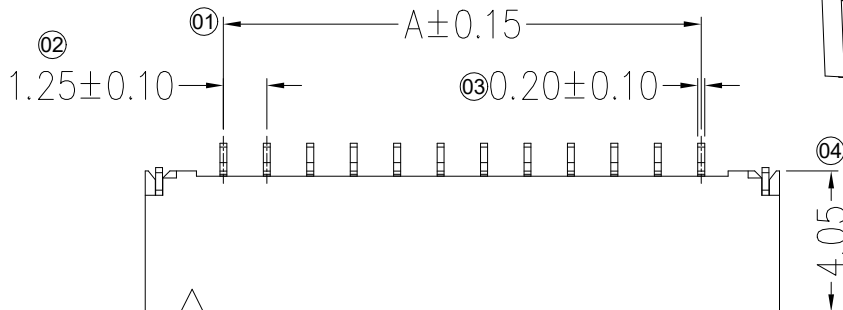
RoHS

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



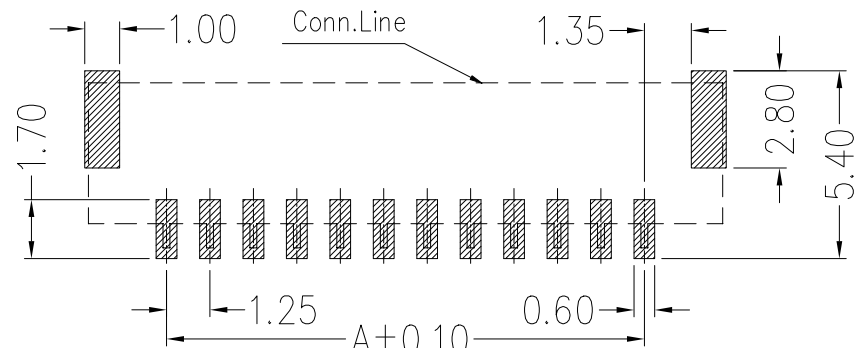
■ Specifications :

- Voltage rating: 50V AC / DC
- Current rating: 1A AC / DC
- Withstanding voltage: 500V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance: ≥100MΩ
- Contact resistance: <30mΩ
- After environmental testing: <50mΩ
- Material(Pin and Solder Tabs):Copper Alloy
- Mates With HRS Housing :HRS-1251H



HRS-1251 W R S - XX XX - XX SW XX -X
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① Series No.
- ② Category :W-wafer
- ③ Connector Type:R- Right Angle 90°
- ④ Mounting Type: S-SMT
- ⑤ Row No.-Pin No Per Row: XX-02P~15P
- ⑥ Special No.: HF-Halogen free Blank-Rohs
- ⑦ Material: LP-LCP 94V-0 ; 9T-PA9T 94V-0△
- ⑧ Plating Code: SW-Matte Tin plating
 △V01-Contact Area Au G/F;
 Other Area G/F; Ni 50u" Min.
- ⑨ Color:Blank-Natural color R-Red color
 L-Blue color B-Black color
- ⑩ Package: Blank-Nature Reel
 △ C-Black Reel / ESD



Recommended P.C.B Layout
 General Tolerance±0.05

Poles	Dimensions(mm)			Poles	Dimensions(mm)		
	A	B	C		A	B	C
02	1.25	5.75	3.80	09	10.00	14.50	12.55
03	2.50	7.00	5.05	10	11.25	15.75	13.80
04	3.75	8.25	6.30	11	12.50	17.00	15.05
05	5.00	9.50	7.55	12	13.75	18.25	16.30
06	6.25	10.75	8.80	13	15.00	19.50	17.55
07	7.50	12.00	10.05	14	16.25	20.75	18.80
08	8.75	13.25	11.30	15	17.50	22.00	20.05

2023/03/21	C2	/	Added plating G/F specification	Sunny Huang	Larry Yang	GENERAL TOLERANCE .X ±0.35 .XX ±0.25 .XXX±0.15 X.' ±2' PROJECT 	APPROVAL CHECK DRAWN DATE Jack Zhang Larry Yang YYTing 2022/11/28	PART NO. HRS-1251WRS-XXXX-XXSWXX-X TITLE: 1.25mm Crimp Style Connectors UNIT SCALE SHEET REV NUMBER mm 1:1 1/1 C2 A-028
2021/04/09	C1	/	Update Drawing	Jane	Larry Yang			
2020/6/20	C	/	Add PA9T Red/Blue Color P/N Add ESD Reel P/N	YYTing	Robing			
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL			



Horus Int. Electronics Co., LTD.
 Horustech Electronics Co., LTD.

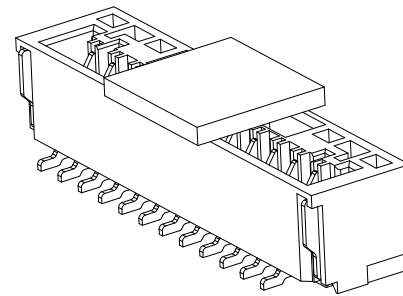
PART NO.
 HRS-1251WRS-XXXX-XXSWXX-X
 TITLE:
 1.25mm Crimp Style Connectors
 UNIT SCALE SHEET REV NUMBER
 mm 1:1 1/1 C2 A-028

RoHS

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

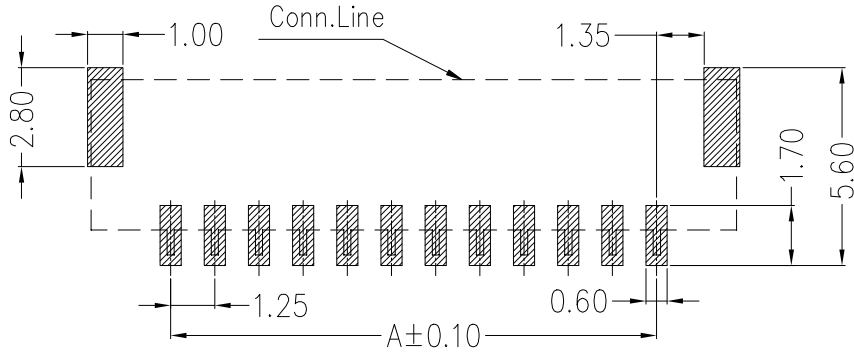
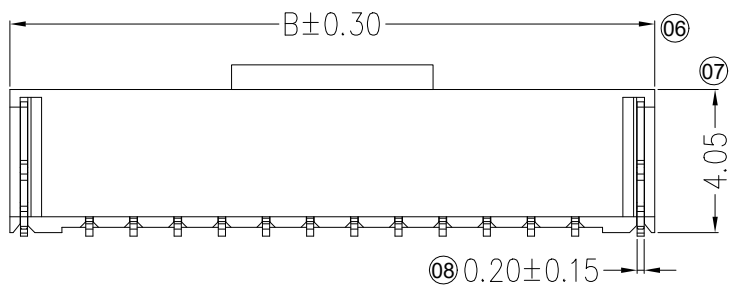
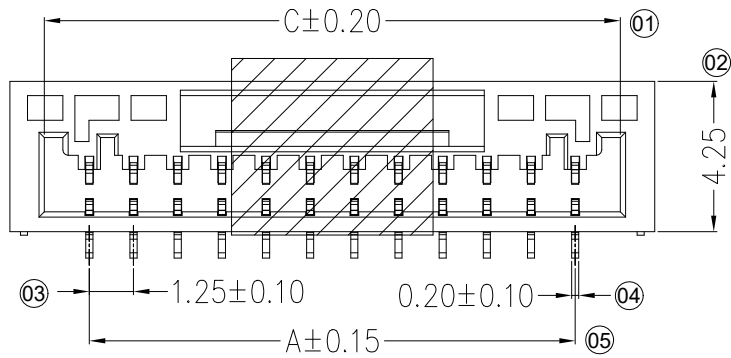
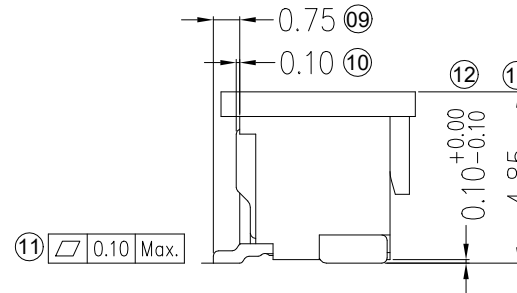
■ Specifications :

- Voltage rating: 50V AC / DC
- Current rating: 1A AC / DC
- Withstanding voltage: 500V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance: ≥100MΩ
- Contact resistance: <30mΩ
- After environmental testing: <50mΩ
- Material(Pin and Solder Tabs):Copper Alloy
- Mates With HRS Housing:HRS-1251H



HRS-1251 W V S-XX XX-XX SW X-X
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① Series No.
- ② Category:W-wafer
- ③ Connector Type:V- Stright 180°
- ④ Mouting Type: S-SMT
- ⑤ Row No.-Pin No Per Row: XX-02P~15P
- ⑥ Special No.: HF-Halogen free Blank-Rohs
- ⑦ Material: LP-LCP 94V-0 ; 9T-PA9T 94V-0
- ⑧ Plating Code: SW-Matte Tin plating
 △V01-Contact Area Au G/F;
 Other Area G/F; Ni 50u" Min.
- ⑨ Color:Blank-Natural color R-Red color
 L-Blue color B-Black color
- ⑩ Package: Blank-Nature Reel



Recommended P.C.B Layout
 General Tolerance±0.05

Poles	Dimensions(mm)			Poles	Dimensions(mm)		
	A	B	C		A	B	C
02	1.25	5.75	3.80	09	10.00	14.50	12.55
03	2.50	7.00	5.05	10	11.25	15.75	13.80
04	3.75	8.25	6.30	11	12.50	17.00	15.05
05	5.00	9.50	7.55	12	13.75	18.25	16.30
06	6.25	10.75	8.80	13	15.00	19.50	17.55
07	7.50	12.00	10.05	14	16.25	20.75	18.80
08	8.75	13.25	11.30	15	17.50	22.00	20.05

20230320	D2	/	Added plating G/F specification	Sunny Huang	Larry
20210409	D1	/	Update Drawing	Jane	Larry
20200925	D	EN20200925001	Renewal CAP Measure	YYTing	Robing
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL

GENERAL TOLERANCE
 .X ±0.35
 .XX ±0.25
 .XXX±0.15
 X.' ±2'

PROJECT

APPROVAL: Jack Zhang
 CHECK: Larry Yang
 DRAWN: Yu Wei
 DATE: 2017/08/14

PART NO: HRS-1251WVS-XXXX-XXSWX-X

TITLE: 1.25mm Crimp Style Connectors

UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	D2	A-082

F
E
D
C
B
A

F
E
D
C
B
A

1 2 3 4 5 6 7 8