

RoHS

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

■ Specifications :

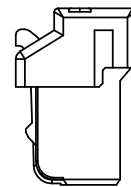
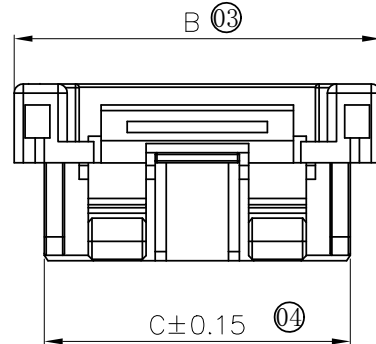
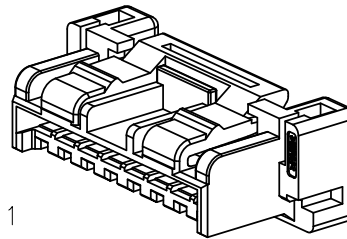
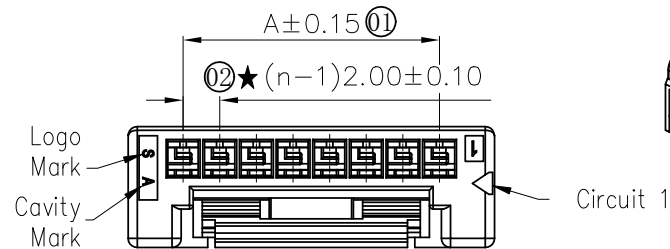
- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 800V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance: $\geq 1000M\Omega$
- Contact resistance: $\leq 20m\Omega$
- After environmental testing: $\leq 40m\Omega$
- Applicable HRS Terminal: HRS-2023T
- Applicable HRS Wafer: HRS-2023WRS&HRS-2023WVS
- "★" represents special characterical dimension

HRS-2023 H - XX - N0 XX XX

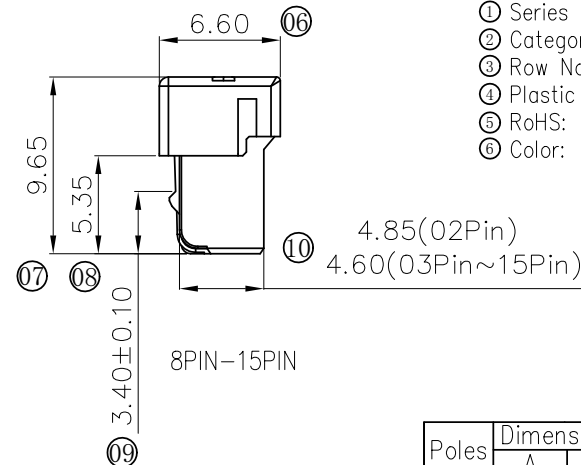
① ② ③ ④ ⑤ ⑥

- ① Series No.: HRS-2023
- ② Category: H - Housing
- ③ Row No.-Pin No: XX - Single Row XXPin
- ④ Plastic material: N0 - PA66 UL94V-0
- ⑤ RoHS: HF - Halogen Free Blank- halogen
- ⑥ Color: WH - White (Halogen Free)
NC-natural (halogen)

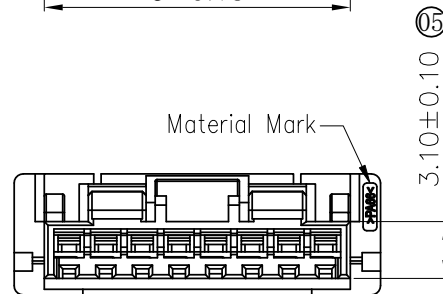
Poles	Dimensions (mm)			Poles	Dimensions (mm)		
	A	B	C		A	B	C
02	2.00	8.00	4.70	09	16.00	22.00	18.70
03	4.00	10.00	6.70	10	18.00	24.00	20.70
04	6.00	12.00	8.70	11	20.00	26.00	22.70
05	8.00	14.00	10.70	12	22.00	28.00	24.70
06	10.00	16.00	12.70	13	24.00	30.00	26.70
07	12.00	18.00	14.70	14	26.00	32.00	28.70
08	14.00	20.00	16.70	15	28.00	34.00	30.70



2PIN-7PIN

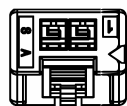


8PIN-15PIN

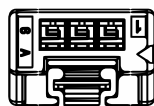


						GENERAL TOLERANCE	Horus Int. Electronics. Co., LTD. Horustech Electronics. Co., LTD.				PART NO. HRS – 2023H – XX – N0XXXX				
20210930	A1	ER20210926001	Add halogen specifications	Jiang	John Yang	.X ±0.30									
						.XX ±0.20									
20210610	A	/	Initial release	Jiang	John Yang	.XXX±0.10	APPROVAL	CHECK	DRAWN	DATE	TITLE 2.00mm Crimp Style Connectors				
						X.* ±2*					UNIT	SCALE	SHEET	REV	NUMBER
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT 	Larry Yang	Wang cheng	Yu Yongping	2020/05/14	mm	2.5:1	1/2	A1	A-000

RoHS

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2P



3P



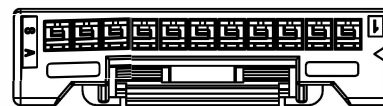
4P



5P-7P



8P-10P

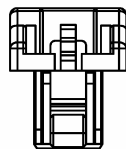


11P-12P

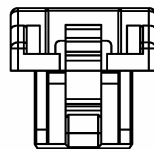


13P-15P

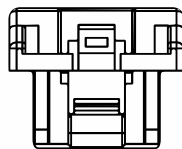
俯视图



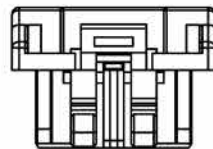
2P



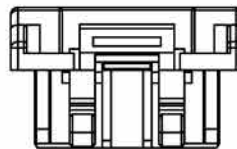
3P



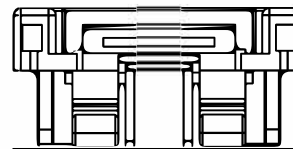
4P



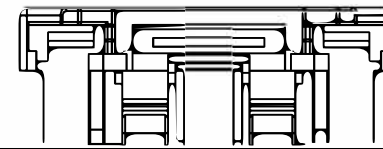
5P



6P-7P

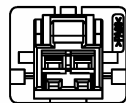


8P-10P

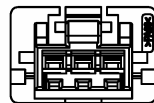


11P-15P

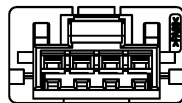
主视图



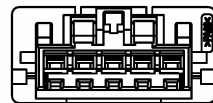
2P



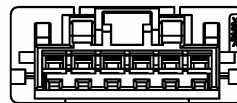
3P



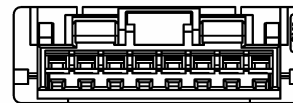
4P



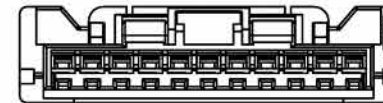
5P



6P-7P



8P-10P



11P-15P

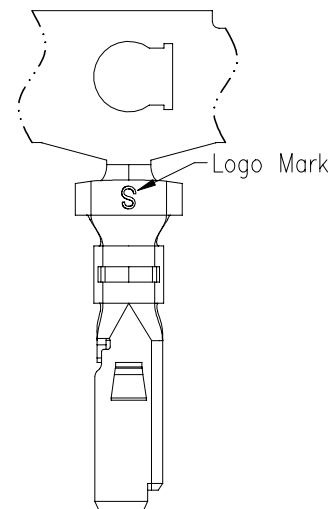
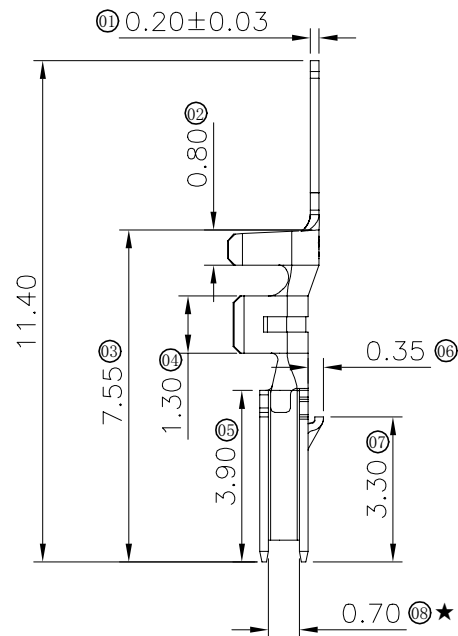
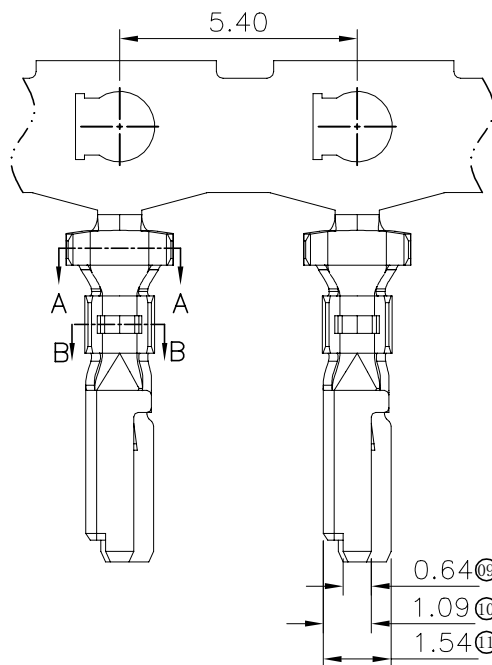
仰视图

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20210930	A1	ER20210926001	Add halogen specifications	Jiang	John Yang	.X ±0.30					TITLE 2.00mm Crimp Style Connectors				
						.XX ±0.20									
20210610	A	/	Initial release	Jiang	John Yang	.XXX±0.10	APPROVAL	CHECK	DRAWN	DATE	UNIT SCALE SHEET REV NUMBER mm 2.5:1 1/2 A1 A-000				
						X: ±2"									
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT 	Larry Yang	Wang cheng	Yu Yongping	2020/05/14					

RoHS

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

RD-1



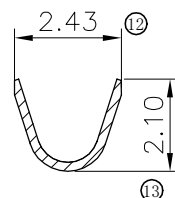
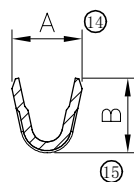
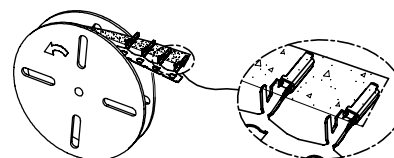
■ Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 800V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance: $\geq 1000M\Omega$
- Contact resistance: $\leq 20m\Omega$
- After environmental testing: $\leq 40m\Omega$
- "★" represents special characterical dimension

HRS-2023 T X - P SN1

① ② ③ ④ ⑤

- ① Series No.:HRS-2023
- ② Category: T-Terminal
- ③ Shape: Blank-Ordinary Barrel
L-Low Barrel
- ④ Material: P-Phosphor bronze
- ⑤ Plating Code: SN1-See table

SECTION: A-A
SCALE 1:1SECTION: B-B
SCALE 1:1

After Plating

SCALE 4:1

HRS2023TL-PSN1	Phosphor bronze	AWG#24~26 (0.22~0.13mm ²)	Ø1.05~1.2mm	Ni:40~120u"(1.0~3.0um) Bright tin:80~200u"(2.0~5.0um)	HRS-2023H	1.45	1.35
HRS-2023T-PSN1		AWG#22~24 (0.35~0.22mm ²)	Ø1.2~1.4mm			1.60	1.70
P/N	Material	Wire Range	Insulation O.D.	Finish	Applicable HRS HSG	A	B

						GENERAL TOLERANCE	Horus Int. Electronics. Co., LTD. Horustech Electronics. Co., LTD.				PART NO. HRS-2023TX-PSN1				
						.X ±0.30					TITLE 2.00mm Crimp Terminal				
						.XX ±0.20									
						.XXX ±0.10									
						X.° ±1°	APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
DATE	REV	ECN ON.	DESCRIPTION	MODIFY	APPROVAL	PROJECT 	Jason Huang	John Yang	Yu Yongping	2020/03/09	mm	6:1	1/1	A	A-000

1

2

3

4

5

6

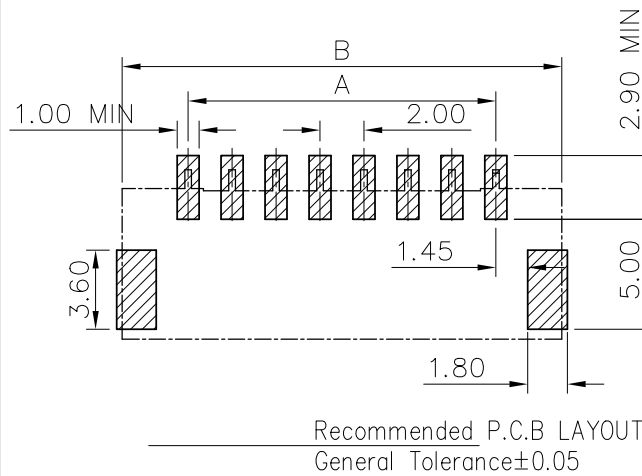
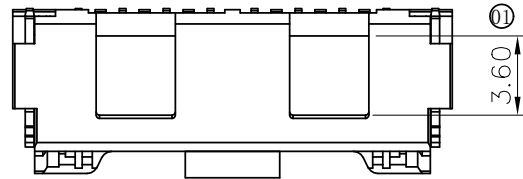
7

8

RoHS

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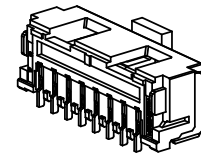
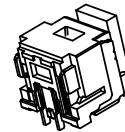
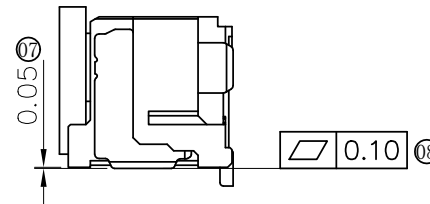
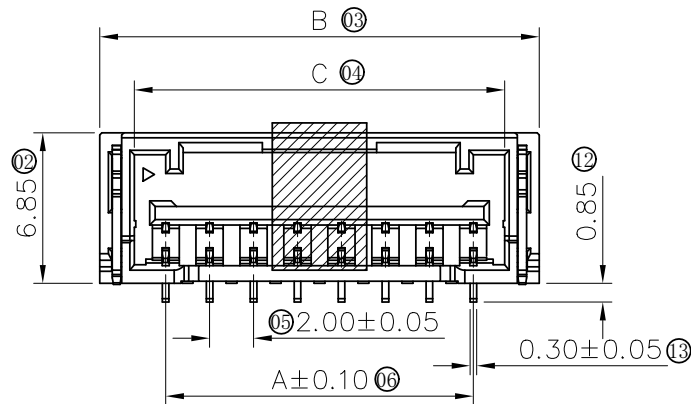
RD-1



■ Specifications :

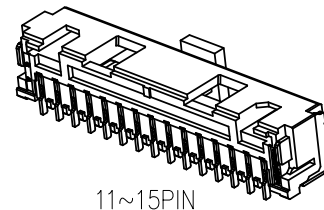
- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 800V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance: $\geq 1000M\Omega$
- Contact resistance: $\leq 20m\Omega$
- After environmental testing: $\leq 40m\Omega$
- Material(Pin): Phosphor Bronze
- Material(Stator): Brass
- Applicable HRS Housing: HRS-2023

HRS-2023 W V S - XX XX - 9T SW N R
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩



2~4PIN

5~10PIN



11~15PIN

- ① Series No: HRS-2023
② Category: W - Wafer
③ Connector Type: V - Straight 180°
④ Mounting Type: S - SMT
⑤ Row No.-Pin No: XX - Single Row XXPin
⑥ RoHS: HF - Halogen Free Blank - halogen
⑦ Plastic material: 9T - PA9T UL94V-0
⑧ Plating Code: SW - Matte Tin
⑨ Color: N - Natural
⑩ Packing: R - Reel

Poles	Dimensions (mm)				Poles	Dimensions (mm)			
	A	B	C	D		A	B	C	D
02	2.00	8.00	4.85	6.00	09	16.00	22.00	18.85	20.00
03	4.00	10.00	6.85	8.00	10	18.00	24.00	20.85	22.00
04	6.00	12.00	8.85	10.00	11	20.00	26.00	22.85	24.00
05	8.00	14.00	10.85	12.00	12	22.00	28.00	24.85	26.00
06	10.00	16.00	12.85	14.00	13	24.00	30.00	26.85	28.00
07	12.00	18.00	14.85	16.00	14	26.00	32.00	28.85	30.00
08	14.00	20.00	16.85	18.00	15	28.00	34.00	30.85	32.00

A	20221114	A2	EN20221114001	Add halogen specifications	Jane	Larry Yang	Horus Int. Electronics. Co., LTD. Horustech Electronics. Co., LTD.				PART NO: HRS- 2023WVS-XXXX-9TSWNR						
	A	20210930	A1	ER20210926001	Add halogen specifications	Qinxin					Larry Yang	TITLE: 2.00mm Crimp Style Connectors					
20210621		A	/	Initial release	Jiang	John Yang					APPROVAL	CHECK	DRAWN	DATE	UNIT SCALE SHEET REV NUMBER mm 3:1 1/1 A2 A-082		
DATE	REV	ECN ON.	DESCRIPTION	MODIFY	APPROVAL	PROJECT 					Larry Yang	Jane	Yu Yongping	2020/05/15			

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 800V AC/minute
- Temperature range: $-40^{\circ}\text{C}\sim+105^{\circ}\text{C}$
- Insulation resistance: $\geq 1000\text{M}\Omega$
- Contact resistance: $\leq 20\text{m}\Omega$
- After environmental testing: $\leq 40\text{m}\Omega$
- Material(Pin): Phosphor Bronze
- Material(Stator): Brass
- Applicable HRS Housing: HRS-2023

HRS-2023 W R S - XX XX - 9T SW N R

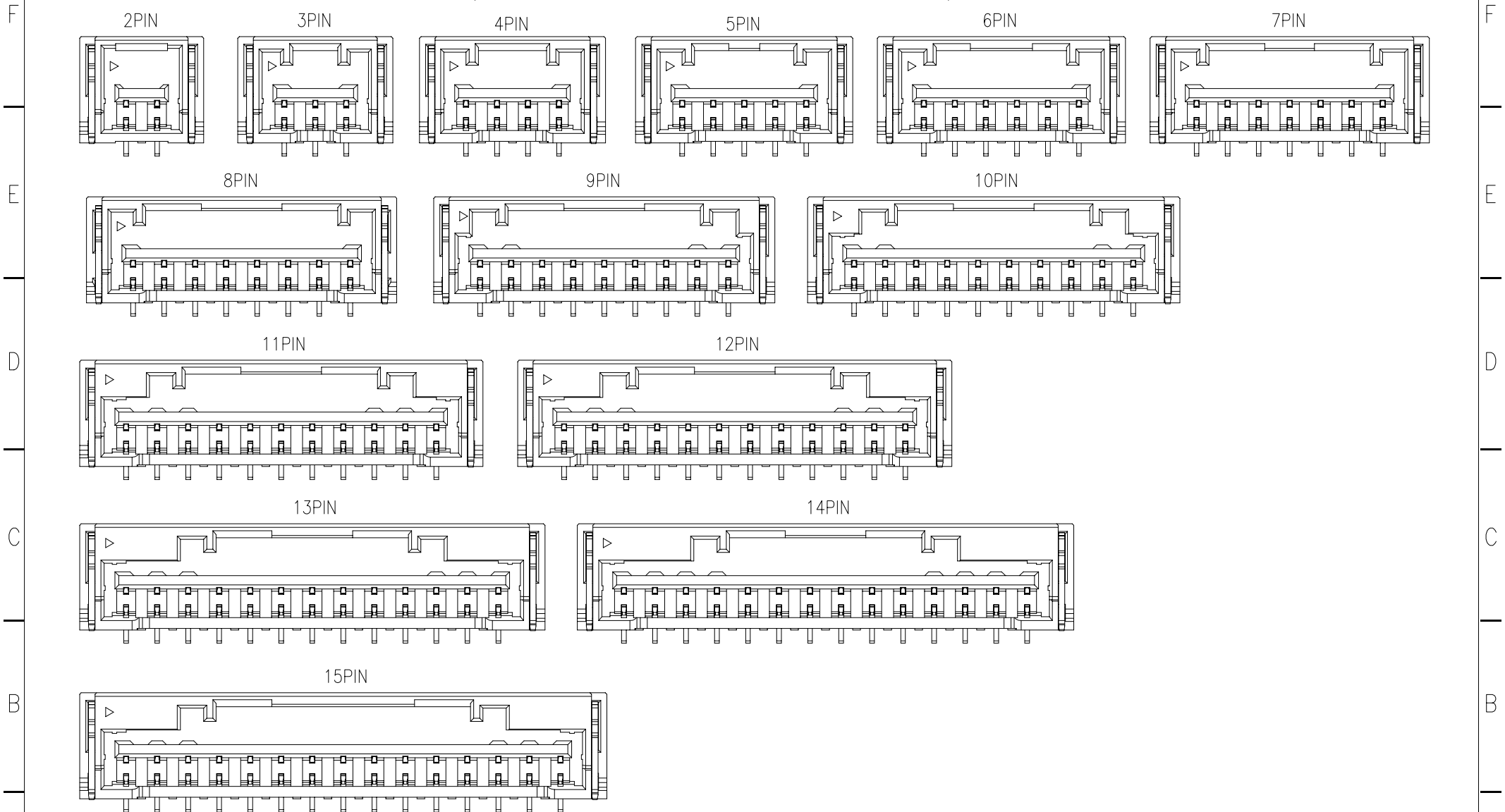
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① Series No:
- ② Category: W – Wafer
- ③ Connector Type: R – Right Angle 90°
- ④ Mounting Type: S – SMT
- ⑤ Row No.–Pin No: XX – Single Row XXPin
- ⑥ RoHS: HF–Halogen Free Blank–halogen
- ⑦ Plastic material: 9T – PA9T UL94V-0
- ⑧ Plating Code: SW – Matte Tin
- ⑨ Color: N – Natural
- ⑩ Packing: R – Reel

Poles	Dimensions (mm)				Poles	Dimensions (mm)			
	A	B	C	D		A	B	C	D
02	2.00	8.00	4.85	6.00	09	16.00	22.00	18.85	20.00
03	4.00	10.00	6.85	8.00	10	18.00	24.00	20.85	22.00
04	6.00	12.00	8.85	10.00	11	20.00	26.00	22.85	24.00
05	8.00	14.00	10.85	12.00	12	22.00	28.00	24.85	26.00
06	10.00	16.00	12.85	14.00	13	24.00	30.00	26.85	28.00
07	12.00	18.00	14.85	16.00	14	26.00	32.00	28.85	30.00
08	14.00	20.00	16.85	18.00	15	28.00	34.00	30.85	32.00

						GENERAL TOLERANCE		 Horus Int. Electronics. Co., LTD. Horustech Electronics. Co., LTD.				PART NO: HRS-2023WRS-XXXX-9TSWNR															
20210930	A1	/	Add halogen specifications	Jiang	John Yang	.X ±0.30						APPROVAL				CHECK				DRAWN				DATE			
						.XX ±0.20																					
						.XXX ±0.10																					
20210618	A	/	Initial release	Jiang	John Yang	X° ±1°																					
DATE	REV	ECN ON.	DESCRIPTION	MODIFY	APPROVAL	PROJECT 		Jason Huang		John Yang		Yu Yongping		2020/05/15		UNIT		SCALE		SHEET		REV		NUMBER			
																mm		3:1		1/1		A1		A-082			

Top view of different PIN positions



2023.07.12	A3	/	Top view of adding different PIN positions. Update the graphics format.	Larry Lin	Jack Zhang	GENERAL TOLERANCE		Horus Int. Electronics. Co., LTD. Horustech Electronics. Co., LTD.				PART NO. HRS-2023WVS-XXXX-9TSWNR					
						.X ±0.35											
	20221114	A2	EN20221114001	Update the surface view	Jane	Larry Yang	.XX ±0.25		APPROVAL				TITLE				
							.XXX±0.15	2.00mm Crimp Style Connectors									
20210930	A1	ER20210926001	Add halogen specifications	Qinxin	Larry Yang	X.' ±2"		APPROVAL		CHECK	DRAWN	DATE					
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT		Larry Yang		Jane	Yu Yongping	2020/05/15	UNIT	SCALE	SHEET	REV	NUMBER
													mm	1:1	1/1	A3	CD
1		2		3		4		5		6		7		8			