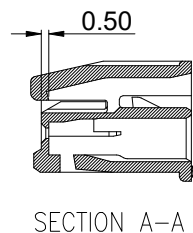
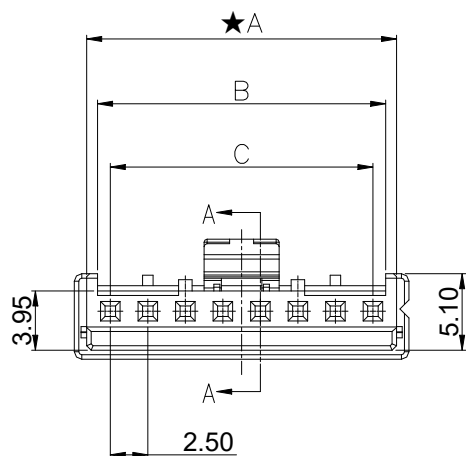
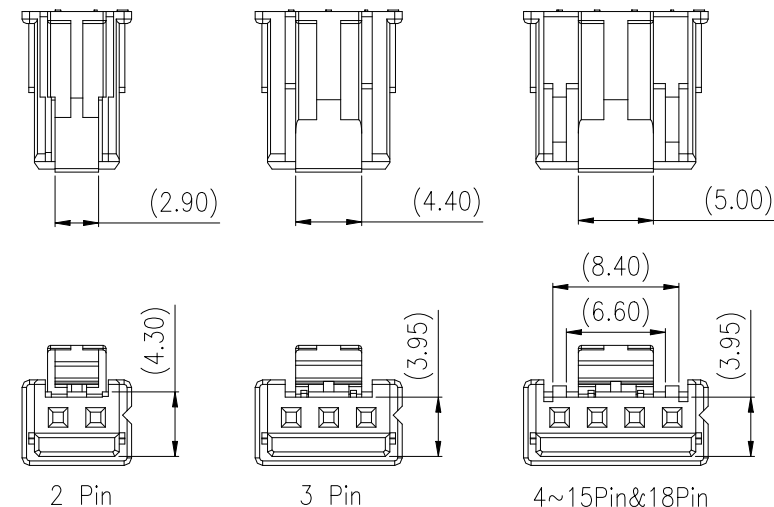
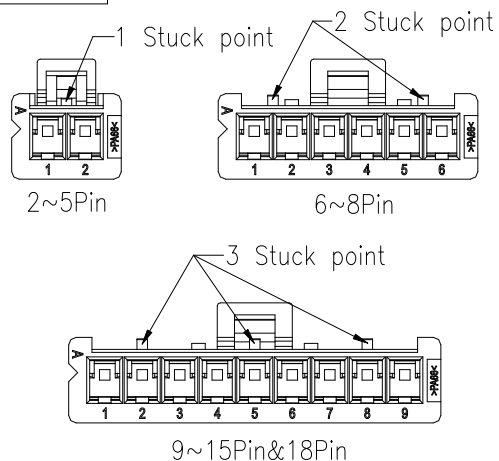


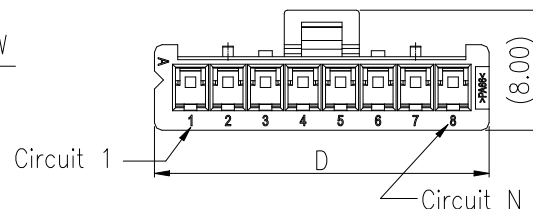
RoHS

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

A VIEW



A VIEW



HRS-2513 H -XX -NOHF NC
① ② ③ ④ ⑤

- ① Series No.:HRS-2513
② Connector Type:H-Housing
③ Row No.-Pin No:XX-Single Row 02~15Pin&18Pin
④ Plastic Material:NO-PA66 (UL94-V0)
HF-Halogen Free
⑤ Color:NC- Natural

■ Specifications

- Voltage Rating:50V AC/DC
- Withstanding Voltage:1000V AC/Minute
- Temperature Range:-40°C~+125°C
- Insulation Resistance:100MΩ Min./500V DC/Minute
- Mates With HRS Terminal:HRS-2513TX-XXX
- Mates With HRS TPA:HRS-C2513-XX
- Mates With HRS Wafer:HRS-2508WX-XX
- Product Specification:PS-HRS-2513-02
- Packaging Drawing:PK-HRS-2513H-XX-NOHFNC
- Symbols for SPC Dimensions:★

Poles	Dimensions/mm				Poles	Dimensions/mm			
	A	B	C	D		A	B	C	D
2	5.65	4.20	2.50	7.30	10	25.65	24.20	22.50	27.30
3	8.15	5.80	5.00	9.80	11	28.15	26.70	25.00	29.80
4	10.65	9.60	7.50	12.30	12	30.65	29.20	27.50	32.30
5	13.15	11.70	10.00	14.80	13	33.15	31.70	30.00	34.80
6	15.65	14.20	12.50	17.30	14	35.65	34.20	32.50	37.30
7	18.15	16.70	15.00	19.80	15	38.15	36.70	35.00	39.80
8	20.65	19.20	17.50	22.30	18	45.65	44.20	42.50	47.30
9	23.15	21.70	20.00	24.80					

GENERAL TOLERANCE

.X ±0.35

.XX ±0.25

.XXX±0.15

X.' ±2'

PROJECT



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

PART NO.

HRS-2513H-XX-NOHFNC

TITLE

2.50 WTB CONN. Housing

UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	A1	CD

A

20231030

A1

/

Update surface

Guo

Larry Yang

20200305

A

/

Initial release

Cai Zhao

John Yang

DATE

REV

ECN NO.

DESCRIPTION

MODIFY

APPROVAL

APPROVAL

CHECK

DRAWN

DATE

Jack Zhang

Larry Yang

Guo

2020/03/05

1

2

3

4

5

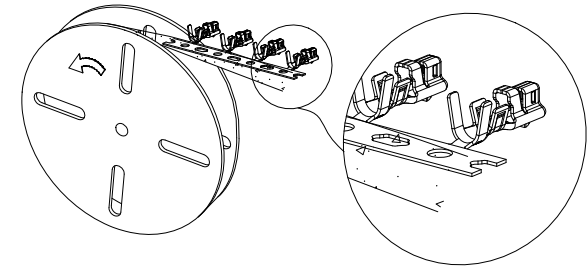
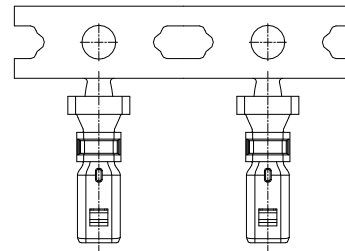
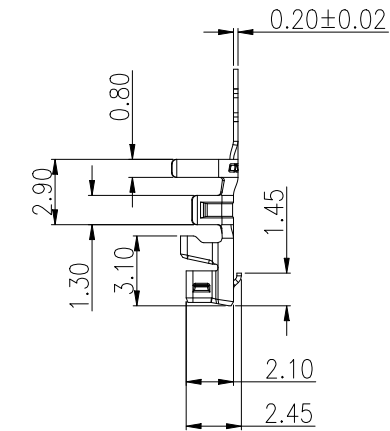
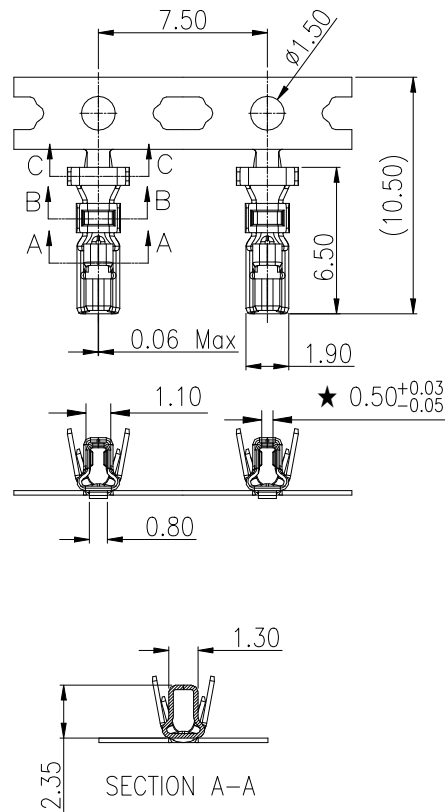
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7

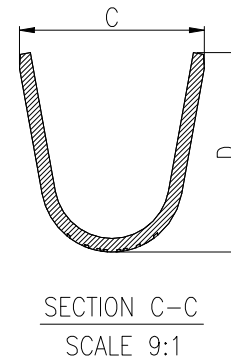
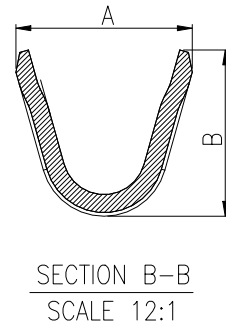
8

RoHS

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

**Specifications:**

- Current Rating: 2.5A AC/DC(0.22mm² Wire)
3A AC/DC(0.35mm²~0.5mm² Wire)
- Temperature Range: -40°C~+125°C
- Contact Resistance:≤10mΩ(Initial)
≤20mΩ(After Testing)
- Mates With HRS Housing:HRS-2513H-XX
- Packaging Drawing:PK-HRS-2513TX-XXX
- Product Specification:PS-HRS-2513-02
- Symbols for SPC Dimensions:★



HRS-2513 I X - H Y2 B
① ②③ ④ ⑤ ⑥

- ① Series No.:HRS-2513
- ② Category:T-Terminal
- ③ Shape:L-Low Feet ; H-High Feet
- ④ Material:H-High conductivity copper
- ⑤ Plating Code:
Y2-40~120u"(1~3um) TIN
- ⑥ Plating Process:
B-Stamping After Plating

Table:

HRS-2513TH-HY2B	AWG#22~20 (0.35~0.5mm ²)	ø1.60mm Max	1.96	1.84	2.75	2.95
HRS-2513TL-HY2B	AWG#24 (0.22mm ²)		1.90	1.50	2.75	2.95
Part NO.	Wire Range	Insulation O.D.	Dim.A	Dim.B	Dim.C	Dim.D

20231030	A4	/	Update surface	Guo	Larry Yang
20221229	A3	/	Update surface	Wangcheng	Larry Yang
20221102	A2	/	Modifying the terminal Structure	Wangcheng	Larry Yang
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL

GENERAL TOLERANCE

.X ±0.35
.XX ±0.25
.XXX±0.15
X.' ±2'

PROJECT

Jack Zhang



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

APPROVAL

CHECK

DRAWN

DATE

PART NO.

HRS-2513TX-HY2B

TITLE

2.50 WTB CONN. Terminal

UNIT

SCALE

SHEET

REV

NUMBER

mm

1:1

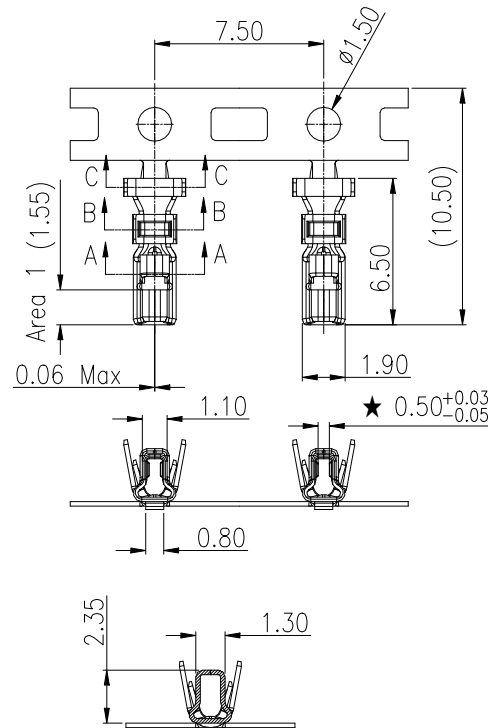
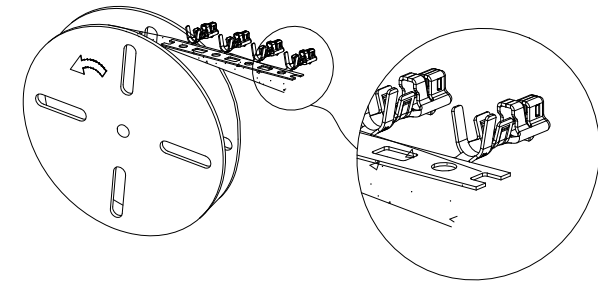
1/1

A4

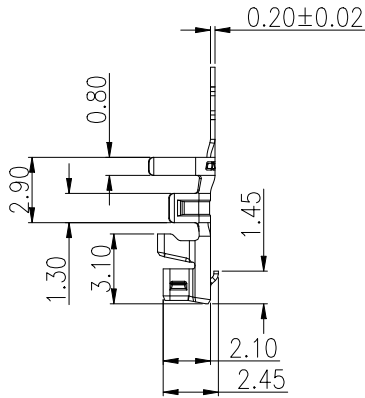
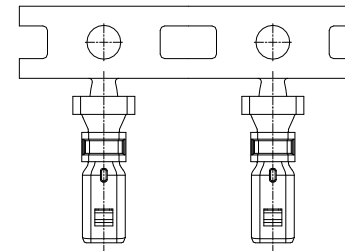
CD

RoHS

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



SECTION A-A

SECTION B-B
SCALE 12:1SECTION C-C
SCALE 9:1

■ Specifications:

- Current Rating: 2A AC/DC(0.13mm² Wire)
2.5A AC/DC(0.22mm² Wire)
3A AC/DC(0.35mm²~0.5mm² Wire)
- Temperature Range:
-40°C~+105°C(Phosphor Bronze)
- Contact Resistance:≤10mΩ (Initial)
≤20mΩ (After Testing)
- Mates With HRS Housing:HRS-2513H-XX
- Packaging Drawing:PK-HRS-2513TX-XXX
- Product Specification:PS-HRS-2513-01
- Symbols for SPC Dimensions:★

HRS-2513 I X - P XX X
① ②③ ④ ⑤ ⑥

- ① Series No.:HRS-2513
- ② Category:T-Terminal
- ③ Shape:L-Low Feet ; H-High Feet
- ④ Material:P-Phosphor Bronze;
- ⑤ Plating Code:

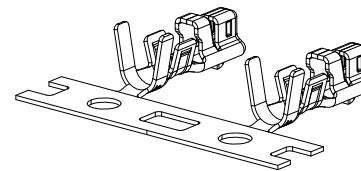
SN1-Underplate Ni 40~120u"(1~3um) ;
Top Plating Sn 80~200u"(2~5um)
GN01-Underplate Ni 40~120u"(1~3um) ;
Area 1 Plating Au 1u"(0.025um)Min
V8-50u"(1.25um)min Ni,
8u"(0.2um)min AU

- ⑥ Plating Process: Blank-Stamping Before Plating

Table:

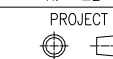
HRS-2513TH-PXXX	AWG#22~20 (0.35~0.5mm ²)	ø1.60mm Max	1.96	1.84	2.75	2.95
HRS-2513TL-PXXX	AWG#26~22 (0.13~0.35mm ²)		1.90	1.50	2.75	2.95
Part NO.	Wire Range	Insulation O.D.	Dim.A	Dim.B	Dim.C	Dim.D

20231030	B7	/	Update surface		Guo	Larry Yang
20231028	B6	/	Increase overall gold plating		Guo	Larry Yang
20221229	B5	/	Update surface		Wangcheng	Larry Yang
DATE	REV	ECN NO.	DESCRIPTION		MODIFY	APPROVAL



GENERAL TOLERANCE

.X ±0.35
.XX ±0.25
.XXX±0.15
X.' ±2'



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

APPROVAL

CHECK

DRAWN

DATE

Jack Zhang

Larry Yang

Guo

2020/03/05

PART NO.

HRS-2513TX-PXXX

TITLE

2.50 WTB CONN. Terminal

UNIT

SCALE

SHEET

REV

NUMBER

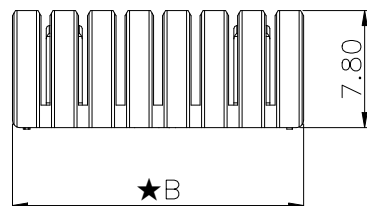
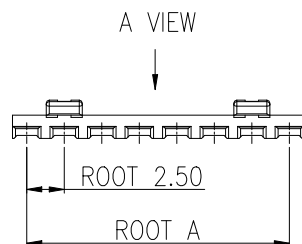
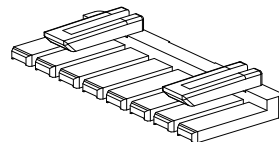
mm

1:1

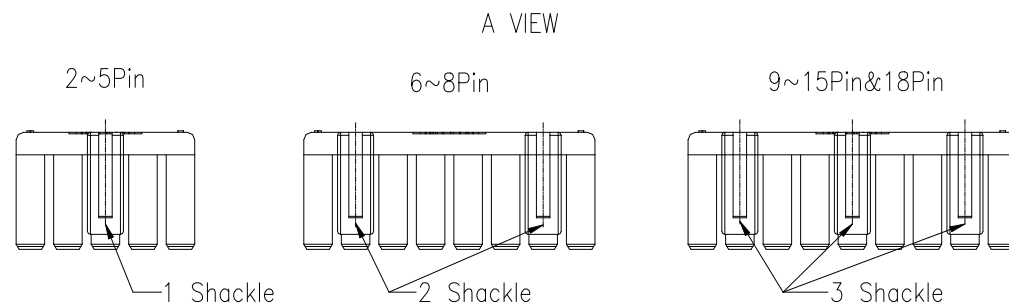
1/1

B7

A-000



Poles	Dimensions/mm		Poles	Dimensions/mm	
	A	B		A	B
2	2.50	4.40	10	22.50	24.40
3	5.00	6.90	11	25.00	26.90
4	7.50	9.40	12	27.50	29.40
5	10.00	11.90	13	30.00	31.90
6	12.50	14.40	14	32.50	34.40
7	15.00	16.90	15	35.00	36.90
8	17.50	19.40	18	42.50	44.40
9	20.00	21.90			



- Voltage Rating:50V AC/DC
- Withstanding Voltage:1000V AC/Minute
- Temperature Range:−40°C~+125°C
- Insulation Resistance:100MΩ Min./500V DC/Minute
- Mates With HRS Housing:HRS-2513H-XX
- Packaging Drawing:PK-HRS-C2513-XX-PTNC
- Symbols for SPC Dimensions:★

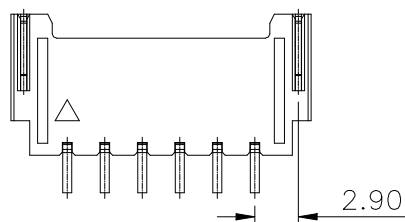
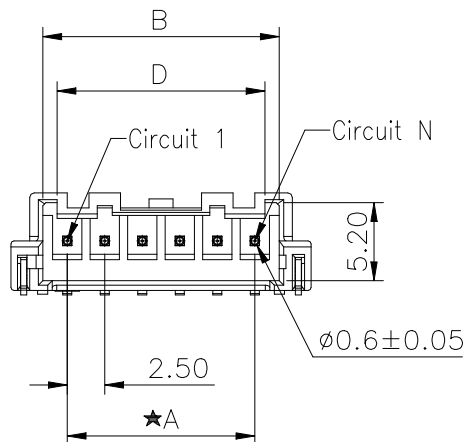
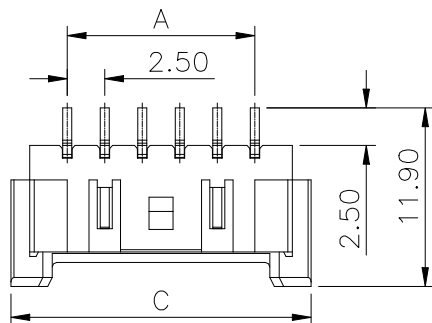
HRS-C 2513 XX - PT NC
 (1) (2) (3) (4) (5)

- ① Connector Type:C-TPA
② Series No.:HRS-2513
③ Row No.-Pin No:XX-Single Row 02~15Pin&18Pin
④ Plastic Material:PT-PBT-GF(UL94V-0)
⑤ Color:NC-Natural

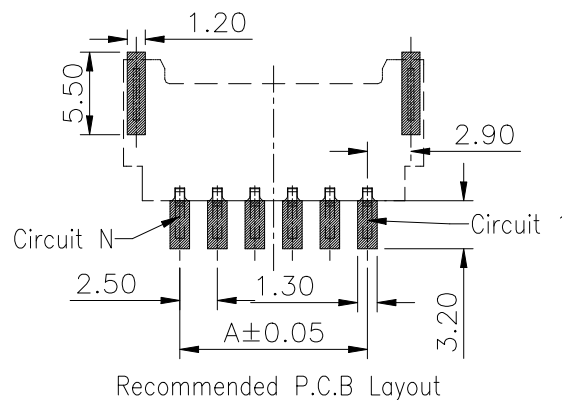
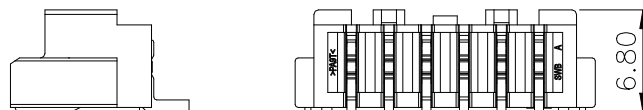
						GENERAL TOLERANCE	 Horus Int. Electronics. Co., LTD. Horustech Electronics. Co., LTD.				PART NO. HRS-C2513-XX-PTNC				
20231030	A1	/	Update surface	Guo	Larry Yang	.X ±0.35									TITLE
						.XX ±0.25					2.50 WTB CONN. TPA				
20200305	A	/	Initial release	Cai Zhao	John Yang	.XXX ±0.15									
						X.* ±2"	APPROVAL	CHECK	DRAWN	DATE					
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT 	Jack Zhang	Larry Yang	Guo	2020/03/05	UNIT mm	SCALE 1:1	SHEET 1/1	REV A1	NUMBER CD

RoHS

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



Poles	Dimensions/mm			
	A	B	C	D
2	2.50	5.75	10.00	4.05
3	5.00	8.25	12.50	7.00
4	7.50	10.75	15.00	9.20
5	10.00	13.25	17.50	11.35
6	12.50	15.75	20.00	13.85
7	15.00	18.25	22.50	16.35
8	17.50	20.75	25.00	18.85
9	20.00	23.25	27.50	21.35
10	22.50	25.75	30.00	23.85
11	25.00	28.25	32.50	26.35
12	27.50	30.75	35.00	28.85
13	30.00	33.25	37.50	31.35
14	32.50	35.75	40.00	33.85
15	35.00	38.25	42.50	36.35

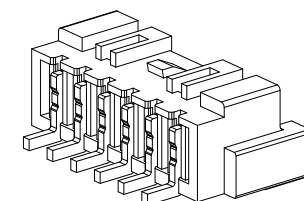


Specifications:

- Voltage Rating:50V AC/DC
- Current Rating:3A AC/DC
- Withstanding Voltage:1000V AC/Minute
- Temperature Range:-40°C~+125°C
- Insulation Resistance:100MΩ Min./500V DC/Minute
- Contact Resistance:≤10mΩ (Initial)
≤20mΩ (After Testing)
- Mates With Housing:HRS-2508H-XX,HRS-2513H-XX
- Product Specification:PS-HRS-2513-02
- Packaging Drawing:PK-HRS-2508WRS-XXE-9TXNR
- Symbols for SPC Dimensions:"★"

HRS-2508 W R S-XX E-9T X N R
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① Series No.:HRS-2508
- ② Category:W-Wafer
- ③ Connector Type:R-Right Angle 90°
- ④ Mounting Type:S-SMT
- ⑤ Row No.-Pin No.:
XX-Single Row-02Pin~15Pin
- ⑥ Special No.:E-Stamping Terminal
- ⑦ Plastic Material:9T-PA9T (UL94V-0)
- ⑧ Planting Code:SW1-Matte Tin
Underplate:Ni 40~120u"(1~3um) overall
Top Plating:Sn 80~200u"(2~5um) overall
GW01-Underplate:Ni 40~120u"(1~3um) overall
Contact area Plating Au 1U"(0.025um)Min
Weld area Plating Sn 80~200u"(2~5um)
- ⑨ Color:N-Natural
- ⑩ Packing:R-Reel



20231031	B1	/	Update borders	Larry Lin	Jack Zhang	GENERAL TOLERANCE	Horus Int. Electronics. Co., LTD. Horustech Electronics. Co., LTD.				PART NO. HRS-2508WRS-XXE-9TXNX				
20210415	B	EN120210415001	Add the Planting Code GW01	Cai Zhao	John Yang	.X ±0.35					TITLE 2.50mm WF ASSY right-angle SMT				
						.XX ±0.25									
						.XXX ±0.15									
20210312	A	/	Initial release	Cai Zhao	John Yang	X.° ±2°	APPROVAL	CHECK	DRAWN	DATE	UNIT SCALE SHEET REV NUMBER				
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT 	Jack Zhang	Larry Yang	Larry Lin	2021/03/12	mm	1:1	1/2	B1	CD

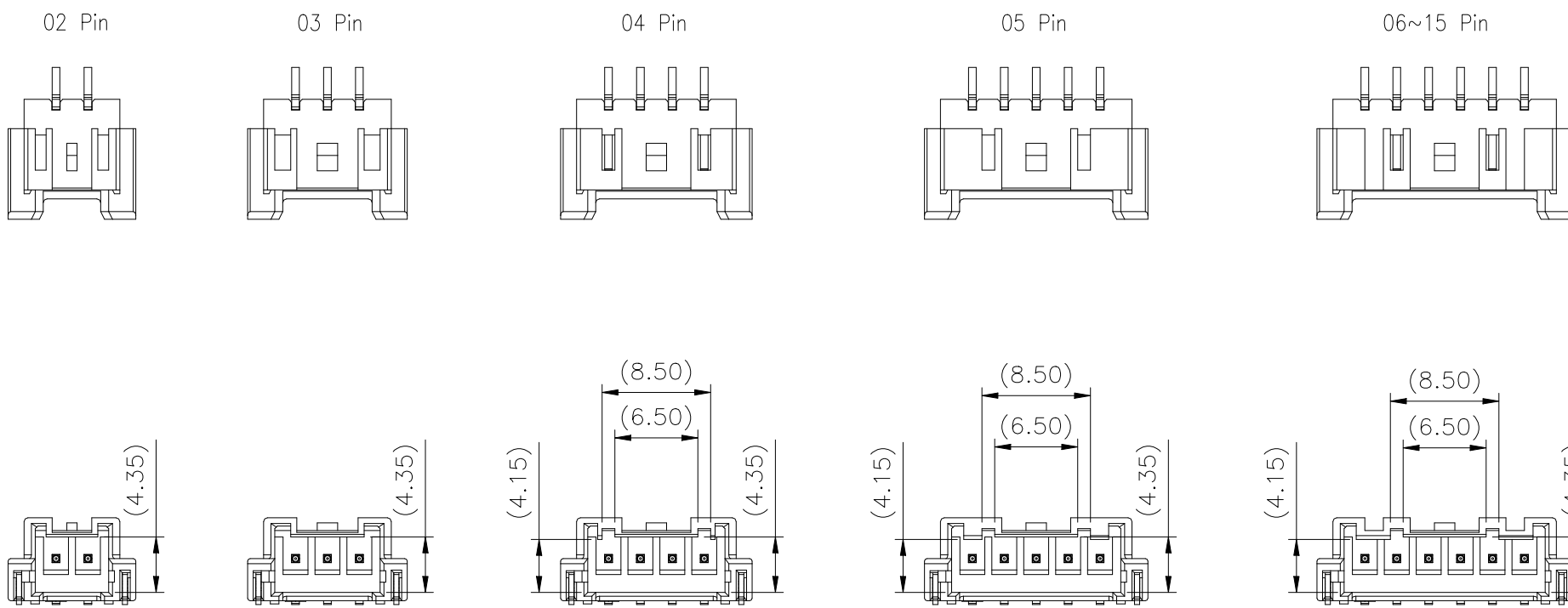
F

E

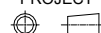
D

C

B



A

20231031	B1	/	Update borders	Larry Lin	Jack Zhang	GENERAL TOLERANCE	Horus Int. Electronics. Co., LTD. Horus Int. Electronics. Co., LTD.				PART NO. HRS-2508WRS-XXE-9TXNX				
						.X ±0.35					TITLE 2.50mm WF ASSY right-angle SMT				
						.XX ±0.25									
20210415	B	EN120210415001	Add the Planting Code GW01	Cai Zhao	John Yang	.XXX ±0.15	APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
20210312	A	/	Initial release	Cai Zhao	John Yang	X.° ±2°					mm	1:1	2/2	B1	CD
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT 	Jack Zhang	Larry Yang	Larry Lin	2021/03/12					

F

E

D

C

B

A

RoHS

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

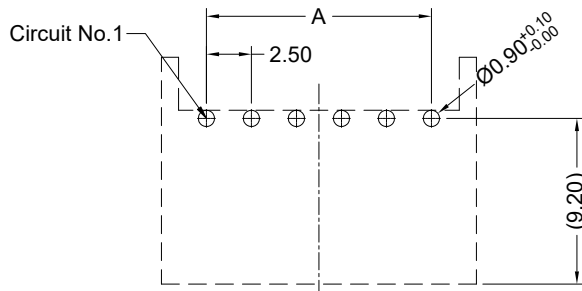
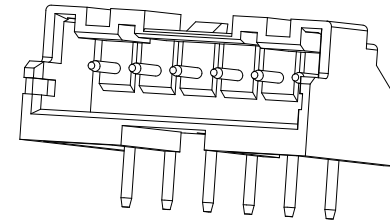
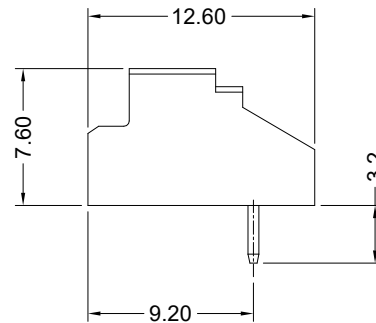
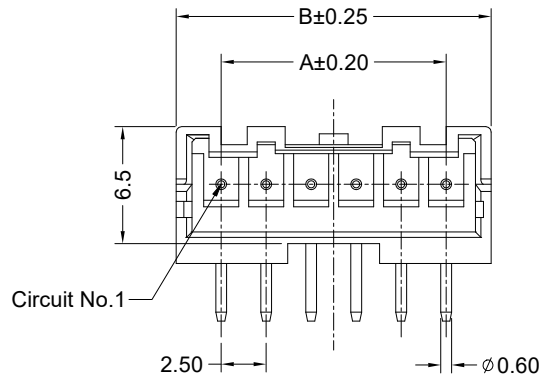
Poles	Dimensions (mm)		Poles	Dimensions (mm)	
	A	B		A	B
02	2.50	7.50	09	20.00	25.00
03	5.00	10.00	10	22.50	27.50
04	7.50	12.50	11	25.00	30.00
05	10.00	15.00	12	27.50	32.50
06	12.50	17.50	13	30.00	35.00
07	15.00	20.00	14	32.50	37.50
08	17.50	22.50	15	35.00	40.00

■ Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage:1000V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance:≥1000MΩ
- Contact resistance: ≤10mΩ
- After environmental testing: ≤20mΩ
- Material(Pin):Brass
- Mates With HRS Housing:HRS-2508H、HRS-2513H

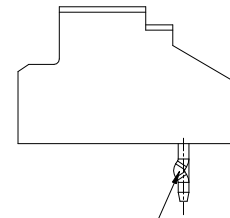
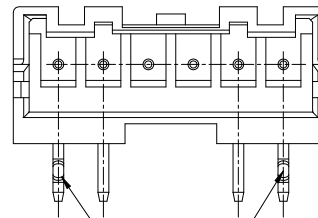
HRS-2508 W R X-XX X-9T SN X X - X
⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑

- ⑪ Series No.
⑫ Category: W-Wafer
⑬ Connector Type: R-Right angle 90°
⑭ Mounting Type: Blank-DIP
⑮ Row No.-Pin No.: XX-02P~15P
⑯ Special No.:N-Without post and without kink
△ Blank-Without post and with kink
⑰ Material: 9T-PA9T UL94V-0
⑱ Plating Code: SN-Bright Tin Plating
Underplate:Ni 40~120u"(1~3um) overall
Top plating:Sn 80~200u"(2~5um) overall
⑲ Color : Blank-Natural color;GW-Grey
⑳ Packing : Blank-PE bag、T-Tray

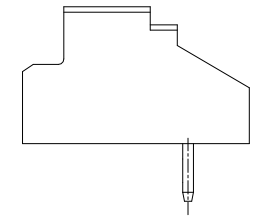
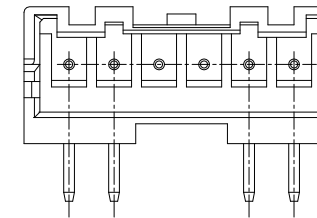


RECOMMENDED P.C.B LAYOUT T=1.60mm
(TOLERANCE:±0.05)

△ HRS-2508WR-XX-9TSNXX-X



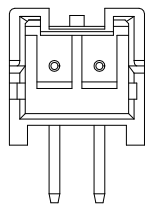
HRS-2508WR-XXN-9TSNXX-X



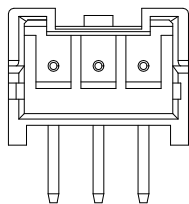
2023/10/31	F1	/	Update borders	Larry Lin	Jack Zhang	GENERAL TOLERANCE	Horus Int. Electronics. Co., LTD. Horustech Electronics. Co., LTD.				PART NO. HRS-2508WR-XXX-9TSNXX-X				
2021/05/06	F	EN120210506001	Add new product type	TengMin	John Yang	.X ±0.30					TITLE 2.50 mm Crimp Style connectors				
2021/03/31	E	EN120210331001	Add the specification with kink	Xin Qing	John Yang	.XX ±0.20									
						.XXX ±0.10									
						X.° ±2°	APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT 					Jack Zhang	Larry Yang	Larry Lin	2018/04/16	mm

RoHS

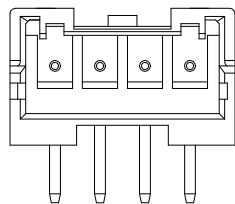
This products can apply to the HRS Doc NO. QA-3-04-005
of Environmental&Material Management Rules



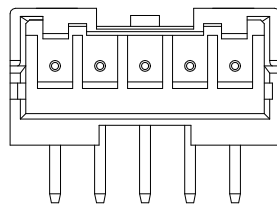
2Pin



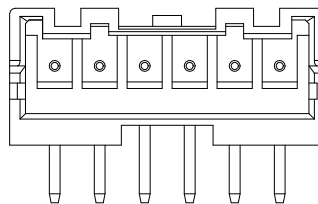
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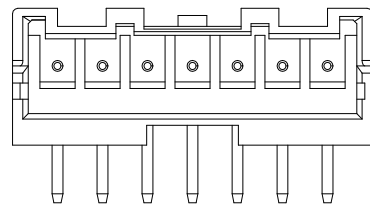
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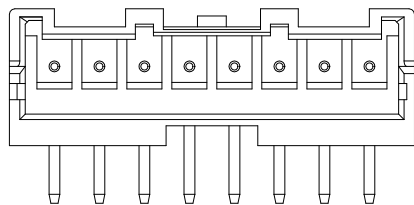
5Pin



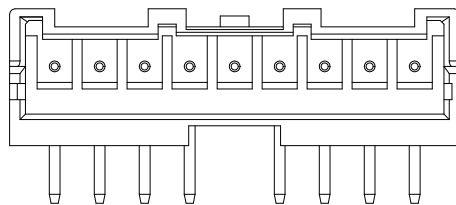
6Pin



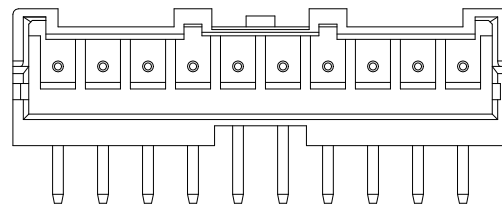
7Pin



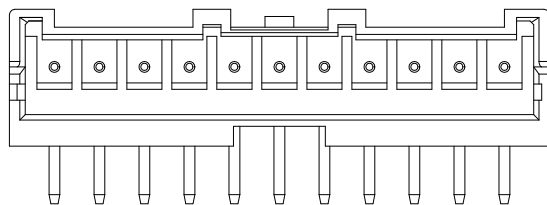
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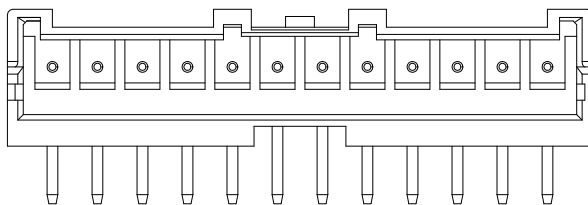
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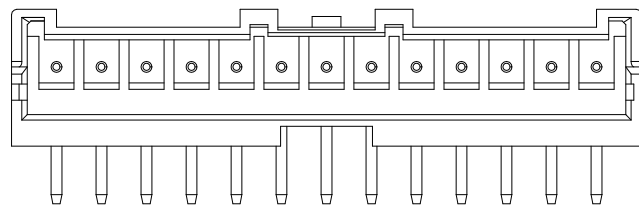
10Pin



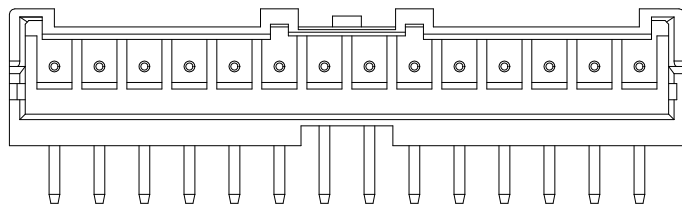
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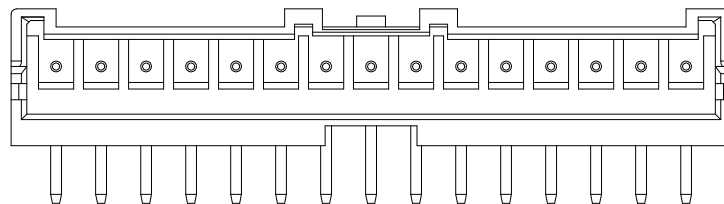
12Pin



13Pin



14Pin



15Pin

2023/10/31	F1	/	Update borders	Larry Lin	Jack Zhang	GENERAL TOLERANCE	Horus Int. Electronics. Co., LTD. Horustech Electronics. Co., LTD.				PART NO. HRS-2508WR-XXX-9TSNXX-X					
2021/05/06	F	EN120210506001	Add new product type	TengMin	John Yang	.X ±0.30					TITLE 2.50 mm Crimp Style connectors					
2021/03/31	E	EN120210331001	Add the specification with kink	Xin Qing	John Yang	.XX ±0.20										
						.XXX ±0.10	APPROVAL	CHECK	DRAWN	DATE						
						X.° ±2°										
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT		Jack Zhang	Larry Yang	Larry Lin	2018/04/16	UNIT	SCALE	SHEET	REV	NUMBER
												mm	1:1	2/2	F1	CD

RoHS

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

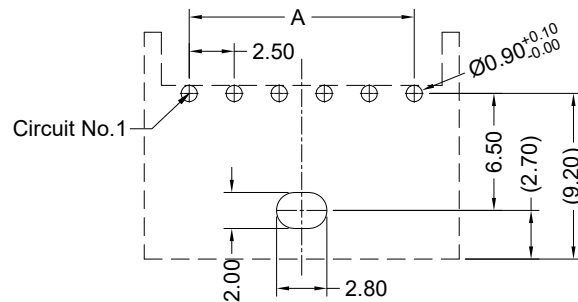
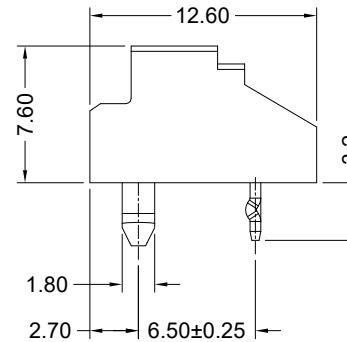
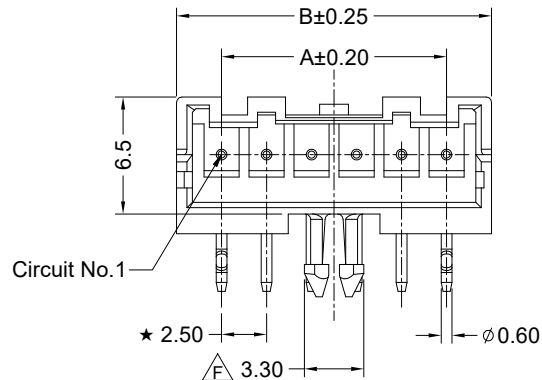
Poles	Dimensions (mm)		Poles	Dimensions (mm)	
	A	B		A	B
02	2.50	7.50	09	20.00	25.00
03	5.00	10.00	10	22.50	27.50
04	7.50	12.50	11	25.00	30.00
05	10.00	15.00	12	27.50	32.50
06	12.50	17.50	13	30.00	35.00
07	15.00	20.00	14	32.50	37.50
08	17.50	22.50	15	35.00	40.00

■ Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance: $\geq 1000M\Omega$
- Contact resistance: $\leq 10m\Omega$
- After environmental testing: $\leq 20m\Omega$
- Material(Pin): Brass
- Mates With HRS Housing: HRS-2508H、HRS-2513H

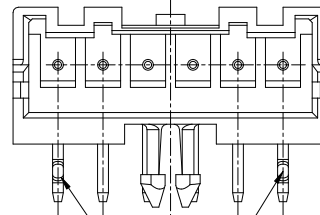
HRS-2508 W R X-XX X- 9T SN X X
⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳

- ⑪ Series No.
⑫ Category: W-Wafer
⑬ Connector Type: R-Right angle 90°
⑭ Mounting Type: Blank-DIP
⑮ Row No.-Pin No.: XX-02P~15P
⑯ Special No.: S-With post and with kink
△ S1-With post and without kink
⑰ Material: 9T-PA9T UL94V-0
⑱ Plating Code: SN-Bright Tin Plating
Underplate: Ni 40~120u"(1~3um) overall
Top plating: Sn 80~200u"(2~5um) overall
⑲ Color : Blank-Natural color; GW-Grey
⑳ Packing : Blank-PE bag、T-Tray

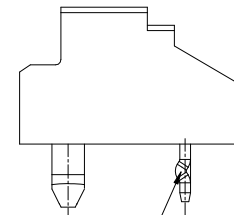


RECOMMENDED P.C.B LAYOUT T=1.60mm
(TOLERANCE: ± 0.05)

HRS-2508WR-XXS-9TSNXX

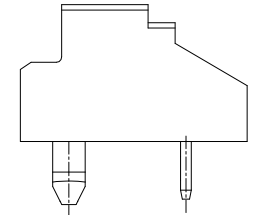
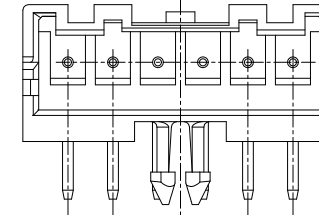


Kink



Kink

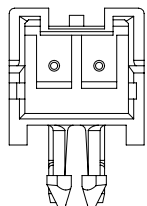
△ HRS-2508WR-XXS1-9TSNXX



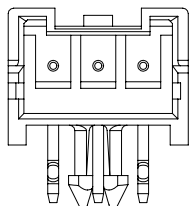
2023/10/31	F1	/	Update borders	Larry Lin	Jack Zhang	GENERAL TOLERANCE .X ± 0.30 .XX ± 0.20 .XXX ± 0.10 X.° $\pm 2^\circ$ PROJECT	Horus Int. Electronics. Co., LTD. Horustech Electronics. Co., LTD. APPROVAL CHECK DRAWN DATE Jack Zhang Larry Yang Larry Lin 2017/11/21	PART NO. HRS-2508WR-XXX-9TSNXX				
2021/05/06	F	EN120210506001	Modify the post structure	Cai Zhao	John Yang			TITLE 2.50 mm Crimp Style connectors				
2021/03/31	E	EN120210331001	Add the specification without kink	Xin Qing	John Yang			UNIT	SCALE	SHEET	REV	NUMBER
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL			mm	1:1	1/2	F1	CD

RoHS

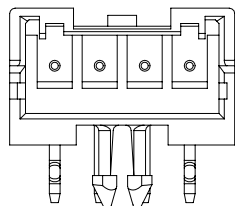
This products can apply to the HRS Doc NO. QA-3-04-005
of Environmental&Material Management Rules



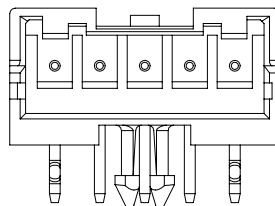
2Pin



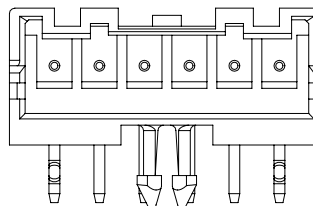
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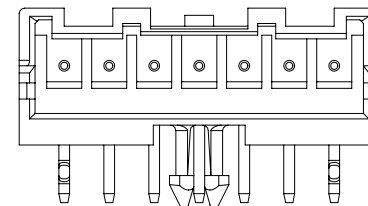
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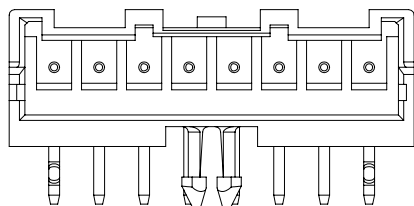
5Pin



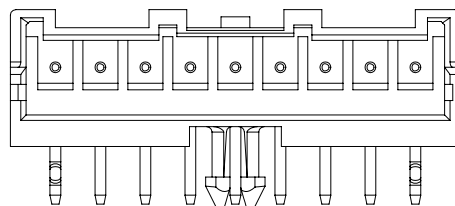
6Pin



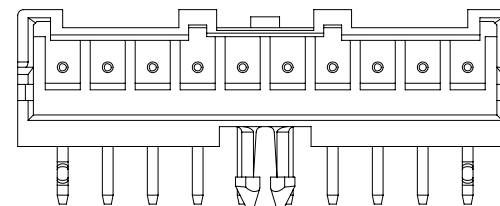
7Pin



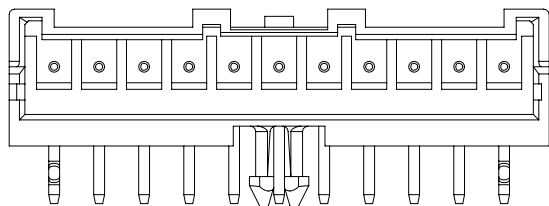
8Pin



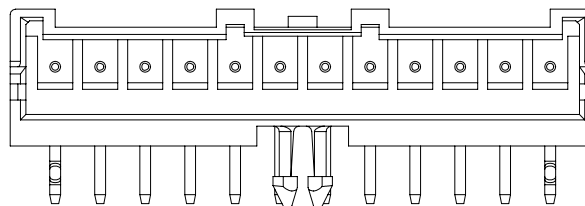
9Pin



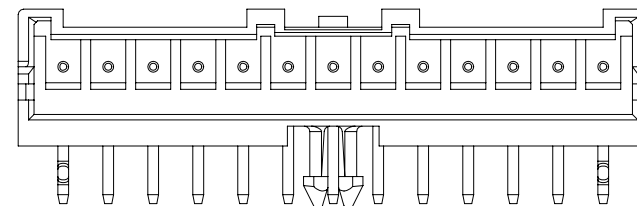
10Pin



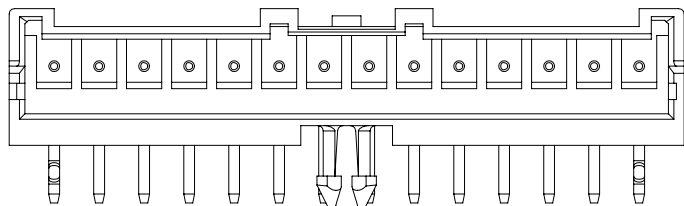
11Pin



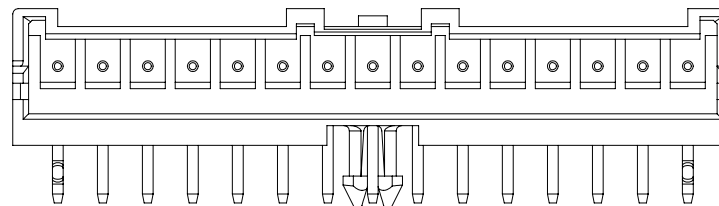
12Pin



13Pin



14Pin



15Pin

A	2023/10/31	F1	/	Update borders	Larry Lin	Jack Zhang	GENERAL TOLERANCE		Horus Int. Electronics. Co., LTD. Horustech Electronics. Co., LTD.				PART NO. HRS-2508WR-XXX-9TSNXX				
	2021/05/06	F	EN120210506001	Modify the post structure	Cai Zhao	John Yang	.X ±0.30						TITLE 2.50 mm Crimp Style connectors				
							.XX ±0.20										
							.XXX ±0.10										
2021/03/31	E	EN120210331001	Add the specification without kink	Xin Qing	John Yang	X.° ±2°		APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER	
	DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT 		Jack Zhang	Larry Yang	Larry Lin	2017/11/21	mm	1:1	2/2	F1	CD

RoHS

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

Poles

Dimensions/mm

	A	B	C	D
2	2.50	5.75	10.00	4.05
3	5.00	8.25	12.50	5.75
4	7.50	10.75	15.00	9.20
5	10.00	13.25	17.50	11.35
6	12.50	15.75	20.00	13.85
7	15.00	18.25	22.50	16.35
8	17.50	20.75	25.00	18.85
9	20.00	23.25	27.50	21.35
10	22.50	25.75	30.00	23.85
11	25.00	28.25	32.50	26.35
12	27.50	30.75	35.00	28.85
13	30.00	33.25	37.50	31.35
14	32.50	35.75	40.00	33.85
15	35.00	38.25	42.50	36.35

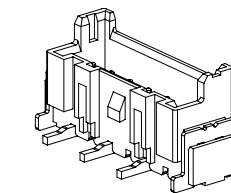
■ Specifications:

- Voltage Rating:250V AC/DC
- Current Rating:3A AC/DC
- Withstanding Voltage:1000V AC/Minute
- Temperature Range:-40°C~+125°C
- Insulation Resistance:100M Ω Min./500V DC/Minute
- Contact Resistance: $\leq 10m\Omega$ (Initial)
 $\leq 20m\Omega$ (After Testing)
- Mates With Housing:HRS-2508H-XX·HRS-2513H-XX
- Product Specification:PS-HRS-2513-02
- Packaging Drawing:PK-HRS-2508WVS-XXE-9TXNX
- Symbols for SPC Dimensions:"★"

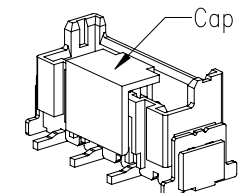
HRS-2508 W V S-XX E-9T X N X
① ②③④ ⑤ ⑥ ⑦ ⑧ ⑨⑩

- ① Series No.:HRS-2508
- ② Category:W-Wafer
- ③ Connector Type:V-Straight 180°
- ④ Mounting Type:SMT
- ⑤ Row No.-Pin No.:
XX-Single Row-02Pin~15Pin
- ⑥ Special No.:E-Stamping Terminal
- ⑦ Plastic Material:9T-PA9T (UL94V-0)
- ⑧ Planting Code:SW1-Matte Tin
Underplate:Ni 40~120u"(1~3um) overall
Top Plating:Sn 80~200u"(2~5um) overall
- ⑨ Color:N-Natural
- ⑩ Packing:X-R:Reel ; C:With Cap

- △ B GW01-Underplate:Ni 40~120u"(1~3um) overall
Contact area Plating Au 1U"(0.025um)Min
Weld area Plating Sn 80~200u"(2~5um)



Without Cap



With Cap

20230706

B4

/

Modify the 3Pin size D according to the
shell diagram

Zhou

Larry

GENERAL TOLERANCE

.X ± 0.35 .XX ± 0.25 .XXX ± 0.15 X. $^{\circ}$ $\pm 2^{\circ}$

PROJECT



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

APPROVAL

CHECK

DRAWN

DATE

PART NO.

HRS-2508WVS-XXE-9TXNX

TITLE:

2.50mm WF

ASSY vertical SMT

UNIT

SCALE

SHEET

REV

NUMBER

mm

1:1

1/2

B4

CD

DATE

REV

ECN NO.

DESCRIPTION

MODIFY

APPROVAL

Kevin

John Yang

Cai Zhao

2021/03/12

20230630

B3

/

Increase the size ⑮⑯

Zhou

Larry

20230615

B2

/

ADD the CAP view

Zhou

Larry

DATE

REV

ECN NO.

DESCRIPTION

MODIFY

APPROVAL

Kevin

John Yang

Cai Zhao

2021/03/12

PART NO.

HRS-2508WVS-XXE-9TXNX

TITLE:

2.50mm WF

ASSY vertical SMT

UNIT

SCALE

SHEET

REV

NUMBER

mm

1:1

1/2

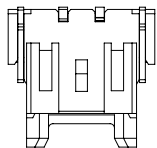
B4

CD

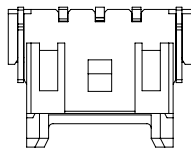
RoHS

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

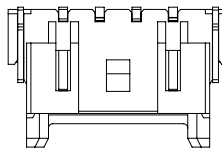
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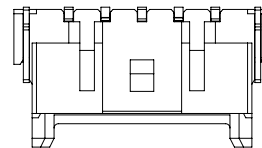
03 Pin



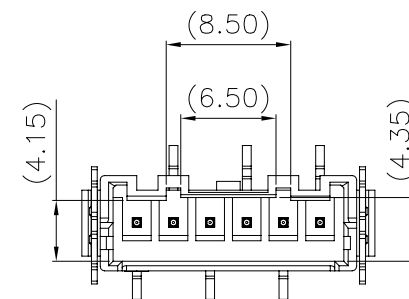
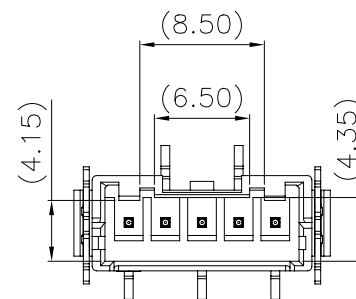
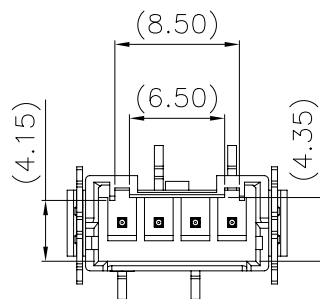
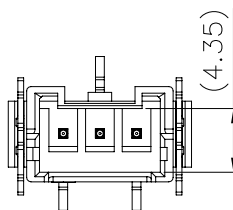
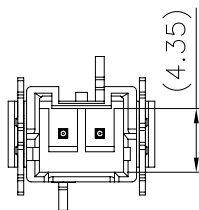
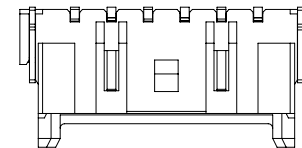
04 Pin



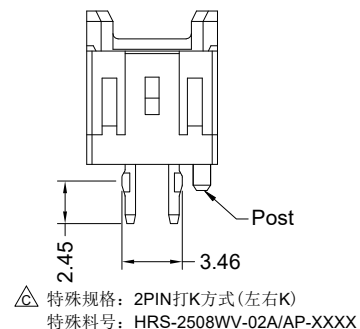
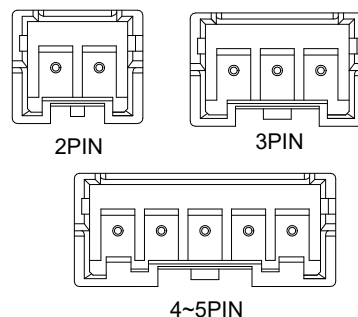
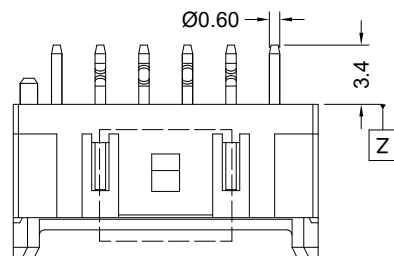
05 Pin



06~15 Pin

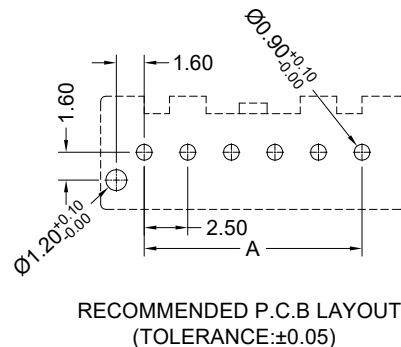
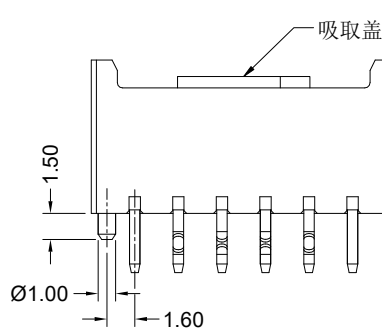
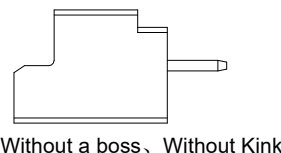
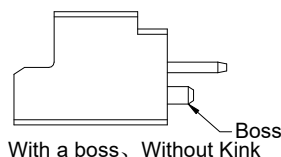
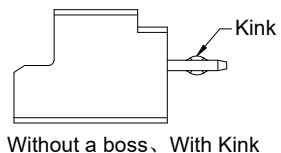
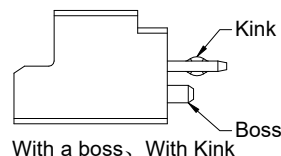
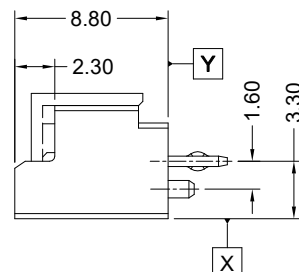
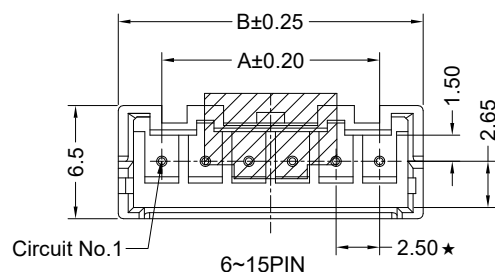


20230706	B4	/	Modify the 3Pin size D according to the shell diagram	Zhou	Larry	GENERAL TOLERANCE	Horus Int. Electronics. Co., LTD. Horustech Electronics. Co., LTD.				PART NO.				
					.X ±0.35	HRS-2508WVS-XXE-9TXNX									
20230630	B3	/	Increase the size ⑮⑯	Zhou	Larry	.XX ±0.25					TITLE: 2.50mm WF				
					.XXX ±0.15	ASSY vertical SMT									
20230615	B2	/	ADD the CAP view	Zhou	Larry	X.° ±2°	APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT					mm	1:1	2/2	B4	CD
							Kevin	John Yang	Cai Zhao	2021/03/12					



- Specifications :
- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage:1000V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance:≥1000MΩ
- Contact resistance: ≤10mΩ
- After environmental testing: ≤20mΩ
- Material(Pin):Brass
- Mates With HRS Housing:HRS-2508H

HRS-2508 W V X-XX XX-XX XX XX X
(01) (02) (03) (04) (05) (06) (07) (08) (09) (10)



- ①1 Series No.
- ①2 Category:W-WAFER
- ①3 Welding Board Angle: V-Straight 180°
- ①4 Welding Way: Blank-DIP
- ①5 Row No.-Pin No.: XX-02P~15P
- ①6 Special No.:
Blank-Without a boss、With Kink
N1-Without a boss、Without Kink
P- With a boss、With Kink
P1-With a boss、Without Kink
- ①7 Material: 9T-PA9T 94V-0
- ①8 Plating Category: SN-Bright Tin Plating
V01-Gold Flash
- ①9 Color : Blank-Natural Color
- ①0 Packing : Blank-Bag T-Tray C-Reel(With CAP)

Poles	Dimensions (mm)		Poles	Dimensions (mm)	
	A	B		A	B
02	2.50	7.50	09	20.00	25.00
03	5.00	10.00	10	22.50	27.50
04	7.50	12.50	11	25.00	30.00
05	10.00	15.00	12	27.50	32.50
06	12.50	17.50	13	30.00	35.00
07	15.00	20.00	14	32.50	37.50
08	17.50	22.50	15	35.00	40.00

						GENERAL TOLERANCE	Horus Int. Electronics. Co., LTD. Horus Int. Electronics. Co., LTD.				PART NO. HRS-2508WV-XXXX-9TXXXXXX								
						.X ±0.30					APPROVAL CHECK DRAWN DATE				UNIT	SCALE	SHEET	REV	NUMBER
						.XX ±0.20									mm	1:1	1/2	E	CD
						.XXX ±0.10													
2021/08/18	E	EN20210818002	Add with cap p/n	Mali	Alan qin	X.° ±2° 	Jack Zhang	Larry Yang	Alan qin	2017/11/21									
DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL														

RoHS

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

F

F

E

E

D

D

C

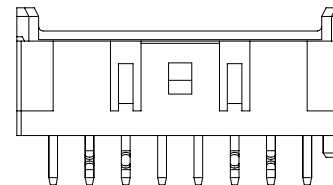
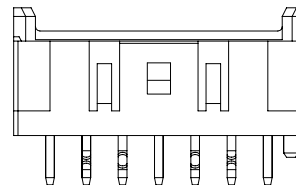
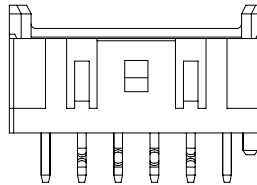
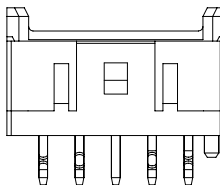
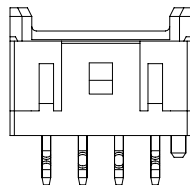
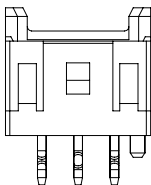
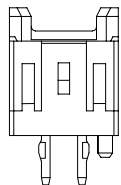
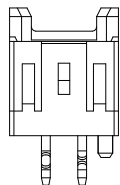
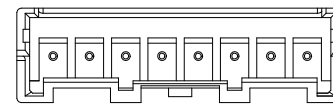
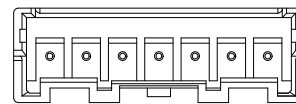
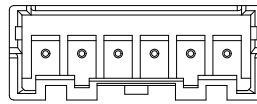
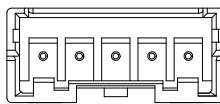
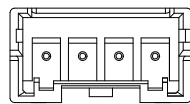
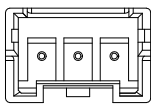
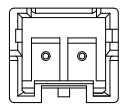
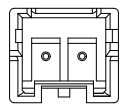
C

B

B

A

A



2Pin

△ Special: 2Pin

3Pin

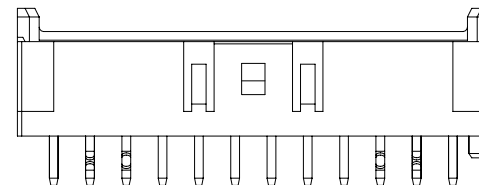
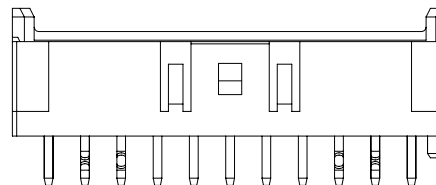
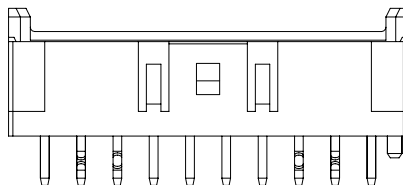
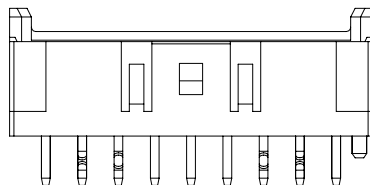
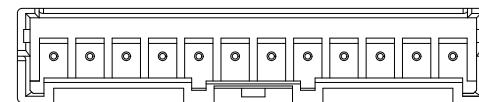
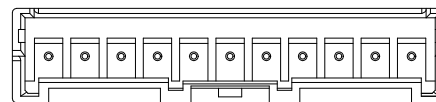
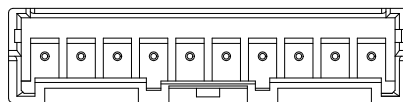
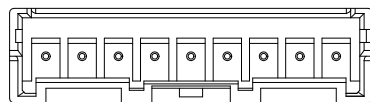
4Pin

5Pin

6Pin

7Pin

8Pin

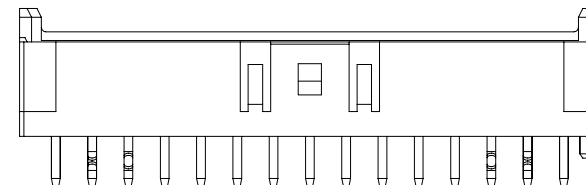
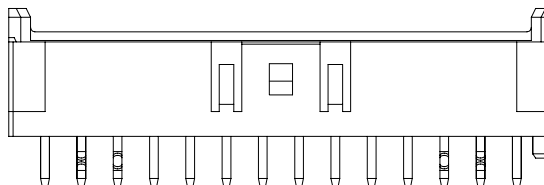
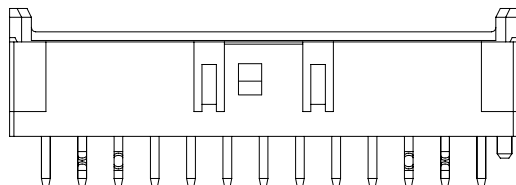
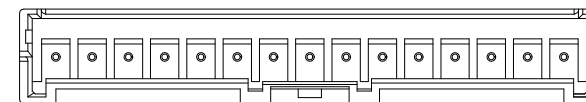
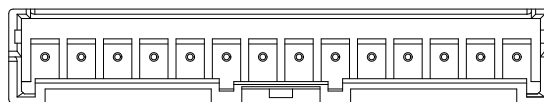
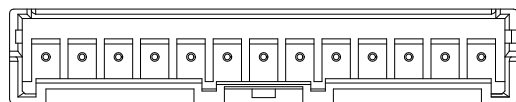


9Pin

10Pin

11Pin

12Pin



13Pin

14Pin

15Pin

						GENERAL TOLERANCE	Horus Int. Electronics. Co., LTD. Horustech Electronics. Co., LTD.				PART NO. HRS-2508WV-XXXX-9TXXXXX				
						.X ±0.30					TITLE 2.50 mm Crimp Style connectors				
						.XX ±0.20									
						.XXX ±0.10	APPROVAL	CHECK	DRAWN	DATE	UNIT SCALE SHEET REV NUMBER				
2021/08/18	E	EN20210818002	Add with cap p/n	Mali	Alan qin	X.° ±2°									
DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL	PROJECT 	Jack Zhang	Larry Yang	Alan qin	2017/11/21	mm	1:1	2/2	E	CD