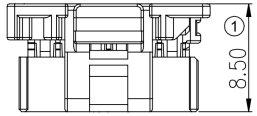
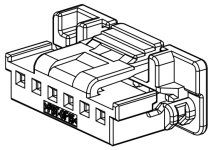
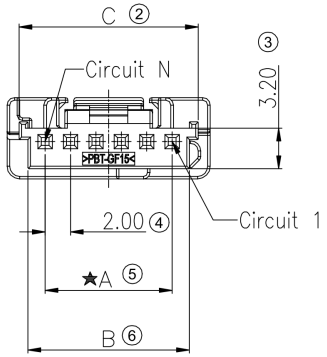
RoHS

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

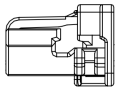


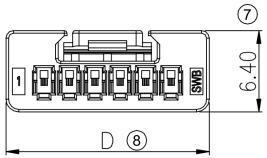


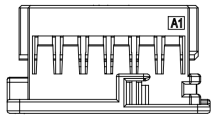
A VIEW



B VIEW







Part NO.	Dimensions/mm			
	A	B	C	D
HRS-2022H-02A-PTNC	2.00	4.70	6.10	8.00
HRS-2022H-03A-PTNC	4.00	6.70	8.10	10.00
HRS-2022H-04A-PTNC	6.00	8.70	10.10	12.00
HRS-2022H-05A-PTNC	8.00	10.70	12.10	14.00
HRS-2022H-06A-PTNC	10.00	12.70	14.10	16.00
HRS-2022H-07A-PTNC	12.00	14.70	16.10	18.00
HRS-2022H-08A-PTNC	14.00	16.70	18.10	20.00
HRS-2022H-09A-PTNC	16.00	18.70	20.10	22.00
HRS-2022H-10A-PTNC	18.00	20.70	22.10	24.00
HRS-2022H-11A-PTNC	20.00	22.70	24.10	26.00
HRS-2022H-12A-PTNC	22.00	24.70	26.10	28.00
HRS-2022H-13A-PTNC	24.00	26.70	28.10	30.00
HRS-2022H-14A-PTNC	26.00	28.70	30.10	32.00
HRS-2022H-15A-PTNC	28.00	30.70	32.10	34.00

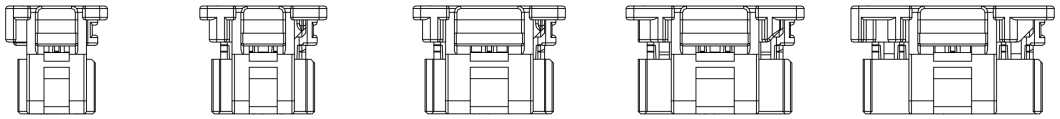
■Specifications :

- Voltage rating: 125V Max. 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-2022T-XXX-A
- Mates With HRS TPA: HRS-C2022-XXA
- Mates With HRS Wafer: HRS-2008WX-XX
- Symboms for SPC dimensions:" ★ "
- Product Specification:HRS-PS-2022-03
- Packaging Drawing: HRS-PK-2022H-XXA-PTNC

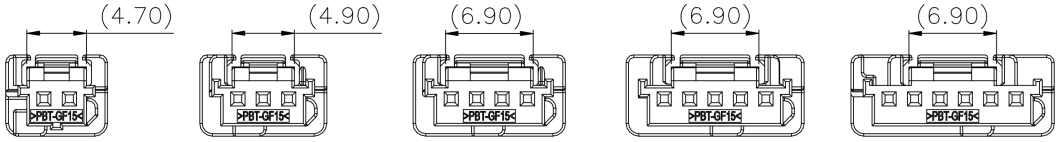
HRS-2022 H – XX A – PT NC
① ② ③④ ⑤ ⑥

① Series No.:**HRS-2022**
② Connector Type: H–Housing
③ Row No.–Pin No: XX–Single Row 02~15Pin
④ Special No.: A–A Type
⑤ Plastic material: PT–PBT UL94V–0
⑥ Color: NC–Natural

A VIEW



B VIEW



2P 3P 4P 5P 6~15P

DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL
20230828	A1	/	Update Drawing Frame	Zhou Jiasheng	John Yang
20210701	A0	/	Initial release	Cai Zhao	John Yang

GENERAL TOLERANCE
.X ±0.35
.XX ±0.25
.XXX ±0.15
X.° ±2°
PROJECT

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

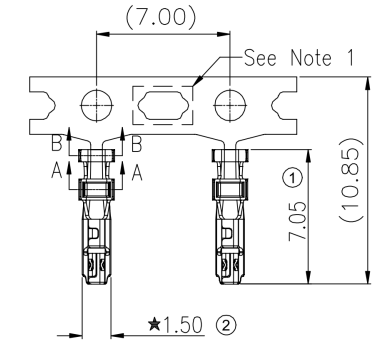
APPROVAL	CHECK	DRAWN	DATE
Kevin	John Yang	Cai Zhao	2021/07/01

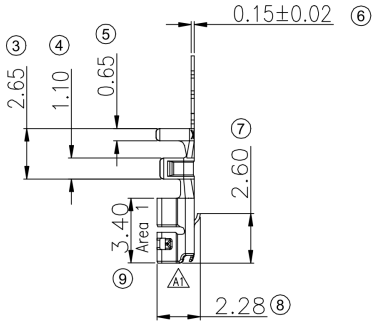
PART NO. HRS-2022H-XXA-PTNC

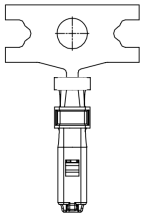
TITLE 2.00 WTB CONN. Housing

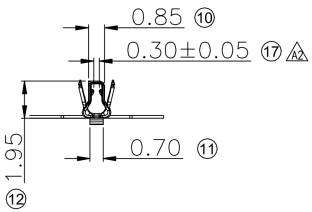
UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	A1	A-000

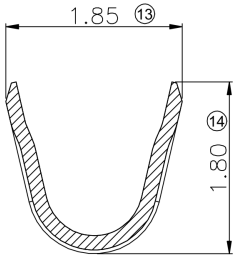
RoHS	This products can apply to the HRS Doc NO. QA-3-04-005 of Environmental&Material Management Rules



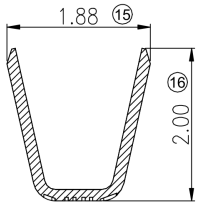




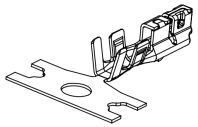


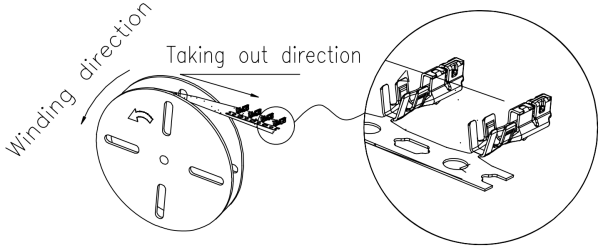


SECTION A–A
SCALE 15:1



SECTION B–B
SCALE 12:1





■Specifications:
- Current Rating:3A AC/DC(0.35mm² Wire)
- Temperature Range:
  High conductivity copper:−40°C~+125°C
  Phosphor Bronze:−40°C~+105°C
- Contact Resistance:≤10mΩ(Initial)
  ≤20mΩ(After Testing)
- Mates With HRS Housing: HRS-2022H-XXA
- Packaging Drawing: HRS-PK-2022T-XXX-A
- Product Specification: HRS-PS-2022-03
- Symboms for SPC Dimensions:"★"

Note: 1.Material Mark:
"⬡" Represent High conductivity copper
"▭" Represent Phosphor Bronze

HRS-2022 T – X X X – A
① ② ③ ④ ⑤ ⑥

① Series No.: **HRS-2022**
② Category:T–Terminal
③ Material:H–High conductivity copper
P–Phosphor Bronze
④ Plating Code: Y2–40~120u"(1~3um) TIN
SN1–Underplate Ni 40~120u"(1~3um) ;
Top Plating Sn 80~200u"(2~5um)
V1–Underplate Ni 40~120u"(1~3um) ;
All Gold–Plated 1u" Min(0.0254um)
G1 –Underplate Ni 40~120u"(1~3um) ;
Area 1 Plating Au 1u" Min(0.0254um)
⑤ Plating Process: B–Stamping After Plating
Blank–Stamping Before Plating
⑥ Special No.: A–A Type

Part NO.	Wire Range	Insulation O.D.
HRS-2022T-PG1-A HRS-2022T-PV1-A HRS-2022T-PSN1-A HRS-2022T-HY2B-A	AWG#22 (0.35mm²)	ø1.4mm Max

DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL
20230828	A3	/	Update Drawing Frame	Zhou Jiasheng	Larry Yang
20220815	A2	/	Increase the terminal clip size	Wangcheng	Larry Yang
20220329	A1	EN20220413001	Modify the terminal header structure	Wangcheng	Larry Yang

GENERAL TOLERANCE
.X ±0.35
.XX ±0.25
.XXX ±0.15
X.° ±2°
PROJECT

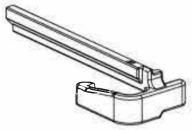
Horus Int. Electronics. Co., LTD.
Horustech Electronics. Co., LTD.

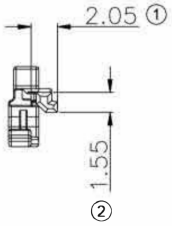
APPROVAL	CHECK	DRAWN	DATE
John Zhang	John Yang	Cai Zhao	2021/07/03

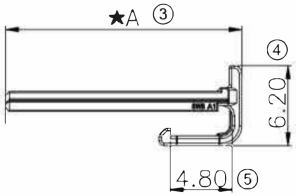
PART NO. HRS-2022T-XXX-A
TITLE 2.00 WTB crimp terminal

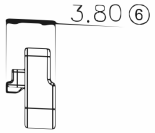
UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	A3	A-000

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







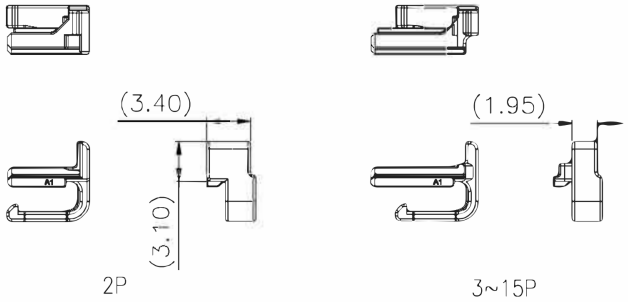


■Specifications :

- Temperature Range:-40°C~+125°C
- Mates With HRS Housing: HRS-2022H-XXA
- Packaging Drawing: HRS-C2022-XXA-PTGY
- Symboms for SPC dimensions:" ★ "

HRS-C 2022-XX A X-PT GY
① ② ③ ④⑤ ⑥ ⑦

① Connector Type: C-TPA
② Series No.:
③ Row No.-Pin No: XX-Single Row 02~15Pin
④ Special No.: A-A Type
⑤ Special No.: A-Without Logo
Blank-Wiht Logo
⑥ Plastic Material: PT-PBT-GF UL94V-0
⑦ Color: GY-Gray



Dimensions/mm	
Part NO.	A
HRS-C2022-02A-PTGY	6.35
HRS-C2022-03A-PTGY	8.35
HRS-C2022-04A-PTGY	10.35
HRS-C2022-05A-PTGY	12.35
HRS-C2022-06A-PTGY	14.35
HRS-C2022-07A-PTGY	16.35
HRS-C2022-08A-PTGY	18.35
HRS-C2022-09A-PTGY	20.35
HRS-C2022-10A-PTGY	22.35
HRS-C2022-11A-PTGY	24.35
HRS-C2022-12A-PTGY	26.35
HRS-C2022-13A-PTGY	28.35
HRS-C2022-14A-PTGY	30.35
HRS-C2022-15A-PTGY	32.35

DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL
20230828	A2	/	Update Drawing Frame	Zhou Jiasheng	Larry Yang
20221028	A1	/	Added no LOGO material number	Cai Zhao	John Yang
20210702	A0	/	Initial release	Cai Zhao	John Yang

GENERAL TOLERANCE
.X ±0.35
.XX ±0.25
.XXX ±0.15
X.° ±2°
PROJECT

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

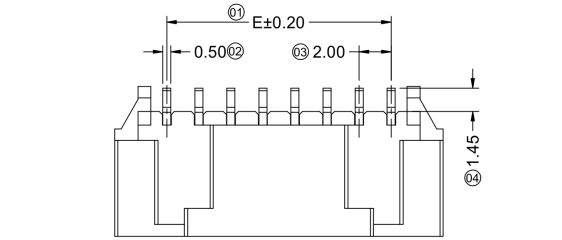
APPROVAL	CHECK	DRAWN	DATE
Kevin	John Yang	Cai Zhao	2021/07/02

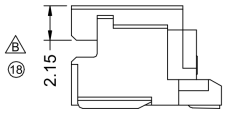
PART NO.
HRS-C2022-XXAX-PTGY

TITLE
2.00 WTB CONN. TPA

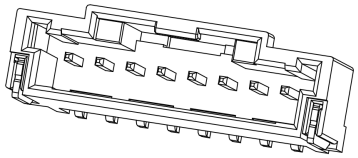
UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	A2	A-000

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

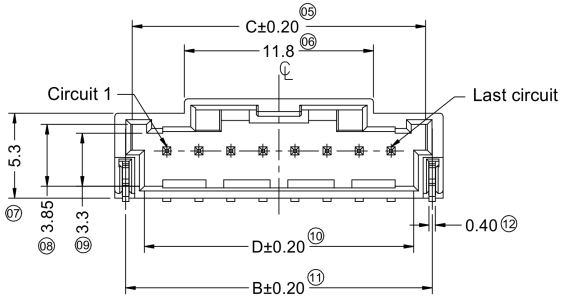


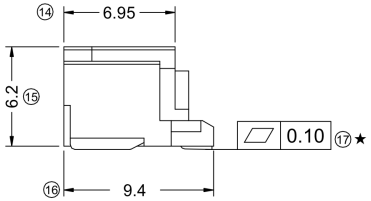


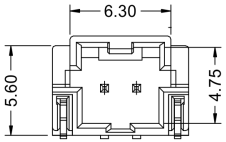
2pin



■ Specifications :
- Voltage rating: 125V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 500V 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-2008H
- "★" Critical dimension



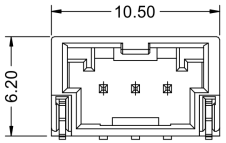




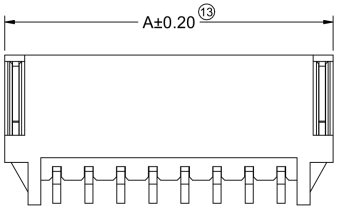
2pin

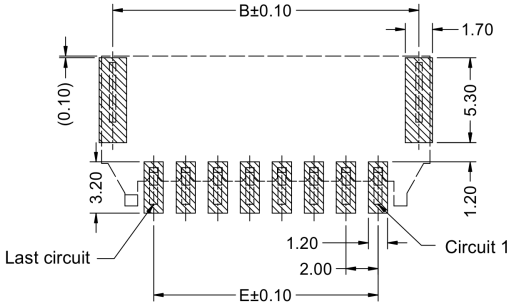
HRS-2008 W R S - 1 x XX - XX X B 05 R R XXX Q
① ② ③ ④ ⑤ ⑥⑦⑧⑨⑩⑪ ⑫ ⑬

① Series No.
② Category：W-wafer
③ Connector Type：R-Right Angle 90°
④ Mouting Type: S-SMT
⑤ Row No.-Pin No Per Row：1xXX-Single Row 1xXXPin
⑥ Plastic material：9T- PA9T UL94V-0; LP- LCP UL94V-0
⑦ Color： N-Natural; B-Black; R-Red; L-Blue
⑧ Metal material：B-Brass
⑨ Plating Code：05-Matte Tin 30-Contact Gold Flash
⑩ Packing：R-Reel
⑪ RoHS/HF：H-Halogen-Free R-Rohs
⑫ Sequence Number：002-Coldsealing ; 02C-Heatsealing
⑬ Special code：Q-Automotive Connectors

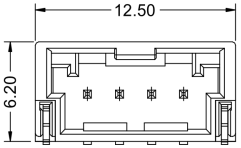


3pin

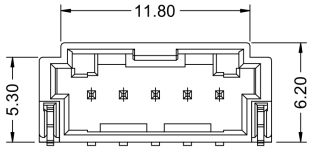




RECOMMENDED P.C.B LAYOUT
(TOLERANCE:±0.05)



4pin



5pin

Poles	Dimensions (mm)				
	A	B	C	D	E
02	8.50	7.13	6.30	4.80	2.00
03	10.50	9.13	8.30	6.80	4.00
04	12.50	11.13	10.30	8.80	6.00
05	14.50	13.13	12.30	10.80	8.00
06	16.50	15.13	14.30	12.80	10.00
07	18.50	17.13	16.30	14.80	12.00
08	20.50	19.13	18.30	16.80	14.00
09	22.50	21.13	20.30	18.80	16.00
10	24.50	23.13	22.30	20.80	18.00
11	26.50	25.13	24.30	22.80	20.00
12	28.50	27.13	26.30	24.80	22.00
13	30.50	29.13	28.30	26.80	24.00
14	32.50	31.13	30.30	28.80	26.00
15	34.50	33.13	32.30	30.80	28.00

DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL
2022/10/06	E1		Added contact area gold plated G/F specification	Xue	Larry
2021/12/16	E	EN20211216001	Modify the first pin label	Xue	Larry

GENERAL TOLERANCE
.X ±0.30
.XX ±0.20
.XXX±0.10
X.° ±2°
PROJECT

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

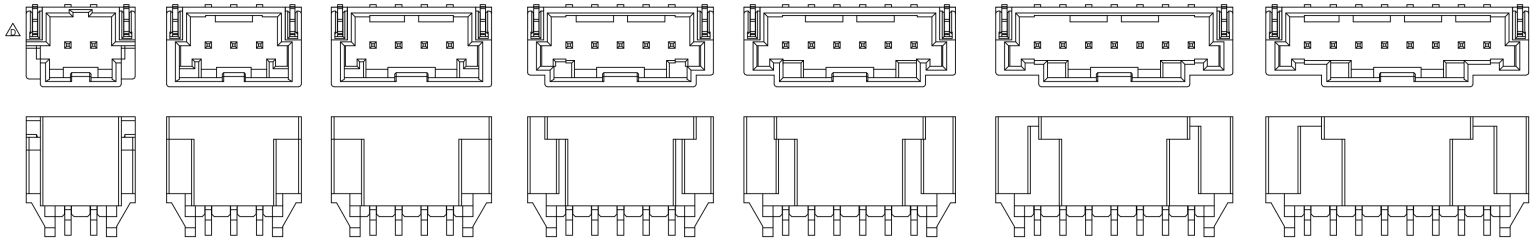
APPROVAL	CHECK	DRAWN	DATE
Robing	Joshua	Alan qin	2018/10/16

PART NO.
HRS-2008WRS-1xXX-XXXB05RRXXXQ

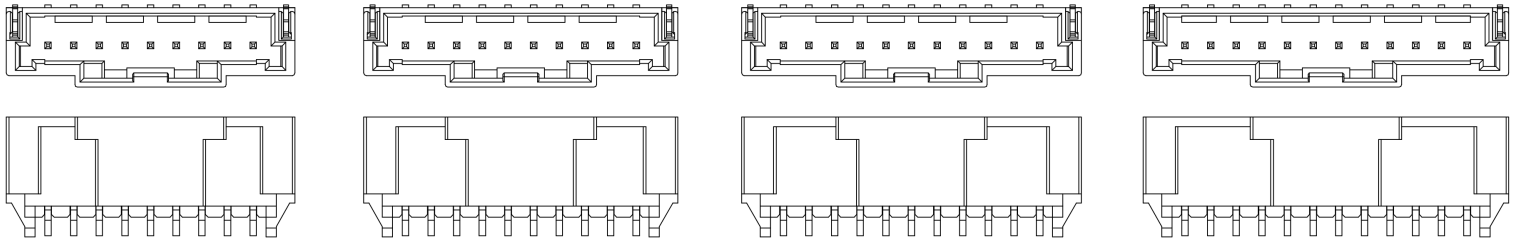
TITLE
Pitch 2.00 mm 90° SMT Wafer Connectors

UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/2	E1	A-000

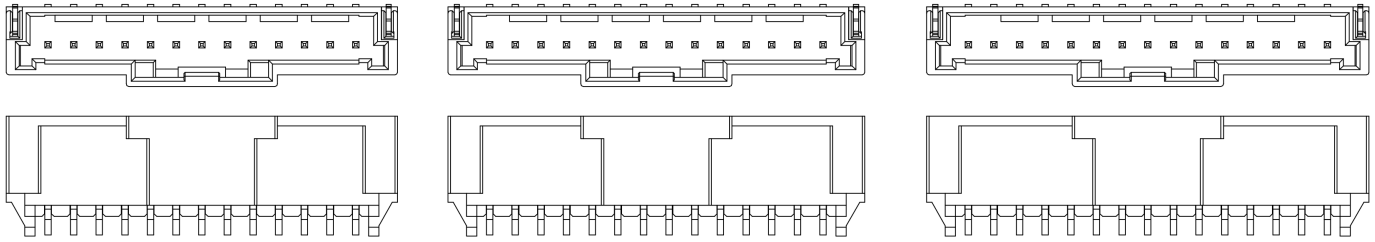
RoHS	This products can apply to the HRS Doc NO. QA-3-04-005 of Environmental&Material Management Rules



2pin 3pin 4pin 5pin 6pin 7pin 8pin



9pin 10pin 11pin 12pin



13pin 14pin 15pin

DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL
2022/10/06	E1		Added contact area gold plated G/F specification	Xue	Larry
2021/12/16	E	EN20211216001	Modify the first pin label	Xue	Larry

GENERAL TOLERANCE
.X ±0.30
.XX ±0.20
.XXX±0.10
X.° ±2°
PROJECT

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

APPROVAL	CHECK	DRAWN	DATE
Robing	Joshua	Alan qin	2018/10/16

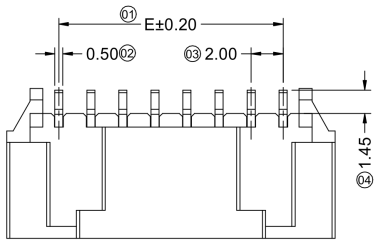
PART NO. HRS-2008WRS-1xXX-XXXB05RRXXXQ

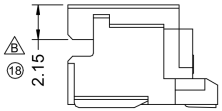
TITLE Pitch 2.00 mm 90° SMT Wafer Connectors

UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	2/2	E1	A-000

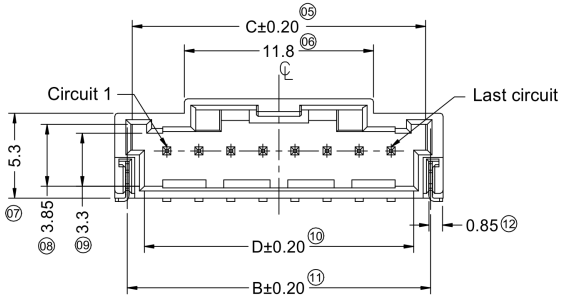
RoHS	This products can apply to the HRS Doc NO. QA-3-04-005 of Environmental&Material Management Rules

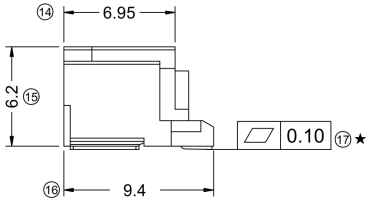
■ Specifications :
- Voltage rating: 125V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 500V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance:≥1000MΩ
- Contact resistance: ≤10mΩ
- After environmental testing：≤20mΩ
- Material(Pin)：Brass
- Mates With HRS Housing:HRS-2008H
- "★" Critical dimension

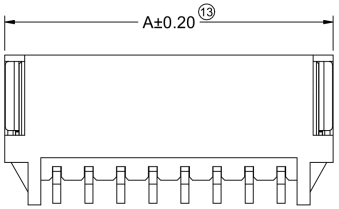


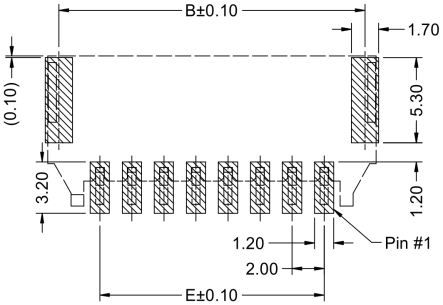


2pin

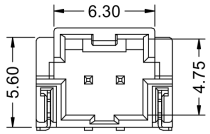




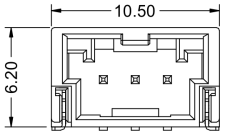




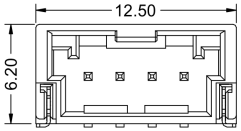
RECOMMENDED P.C.B LAYOUT
(TOLERANCE:±0.05)



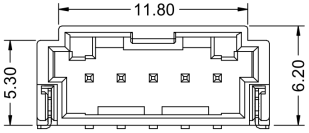
2pin



3pin



4pin



5pin

HRS-2008 W R S - XX - XX XXX X XX
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① Series No.
② Category：W-wafer
③ Connector Type：R-Right Angle 90°
④ Mouting Type: S-SMT
⑤ Row No.-Pin No Per Row：XX-Single Row XXPin
⑥ Plastic material：9T- PA9T UL94V-0; LP- LCP UL94V-0
⑦ Plating Code： SW1-Matte Tin GW01-Contact Gold Flash
⑧ Color： N-Natural; B-Black; R-Red; L-Blue
⑨ Packing：R- Reel（Heatsealing）R1- Reel（Coldsealing）

Poles	Dimensions (mm)				
	A	B	C	D	E
02	8.50	6.93	6.30	4.80	2.00
03	10.50	8.93	8.30	6.80	4.00
04	12.50	10.93	10.30	8.80	6.00
05	14.50	12.93	12.30	10.80	8.00
06	16.50	14.93	14.30	12.80	10.00
07	18.50	16.93	16.30	14.80	12.00
08	20.50	18.93	18.30	16.80	14.00
09	22.50	20.93	20.30	18.80	16.00
10	24.50	22.93	22.30	20.80	18.00
11	26.50	24.93	24.30	22.80	20.00
12	28.50	26.93	26.30	24.80	22.00
13	30.50	28.93	28.30	26.80	24.00
14	32.50	30.93	30.30	28.80	26.00
15	34.50	32.93	32.30	30.80	28.00

DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL

GENERAL TOLERANCE
.X ±0.30
.XX ±0.20
.XXX ±0.10
X.° ±2°
PROJECT

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

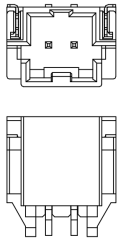
APPROVAL	CHECK	DRAWN	DATE
Larry Yang	Larry Yang	Xue	2022.10.14

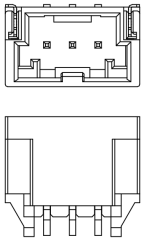
PART NO.
HRS-2008WRS-XX-XXXXXXXX

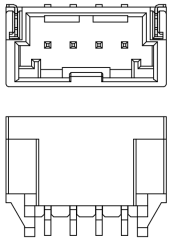
TITLE
Pitch 2.00 mm 90° SMT Wafer Connectors

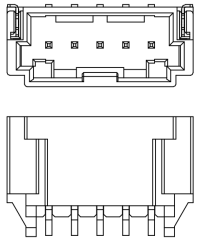
UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/2	A0	A-000

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


2pin


3pin


4pin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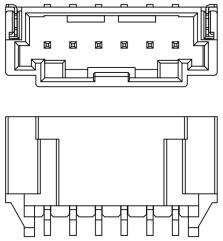
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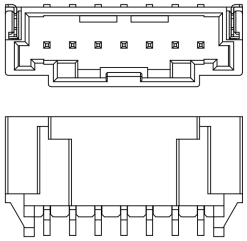
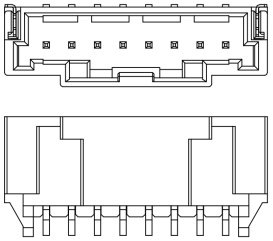
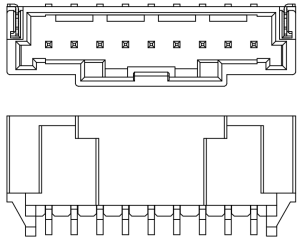

7pin


8pin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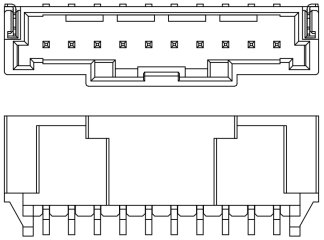
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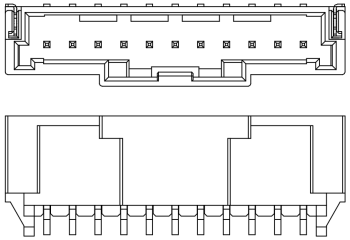
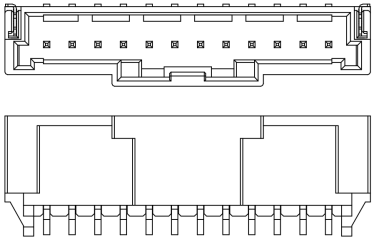
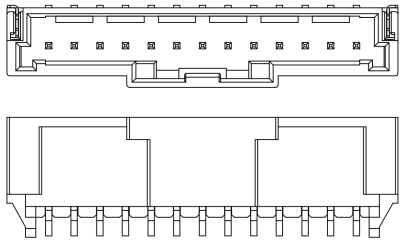
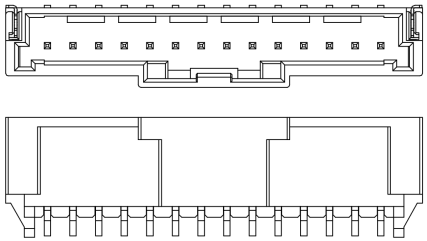

11pin


12pin


13pin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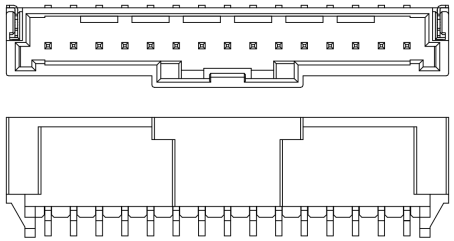

15pin

DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL

GENERAL TOLERANCE
.X ±0.30
.XX ±0.20
.XXX ±0.10
X.° ±2°
PROJECT

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

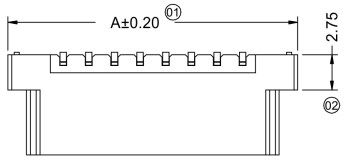
APPROVAL	CHECK	DRAWN	DATE
Larry Yang	Larry Yang	Xue	2022.10.14

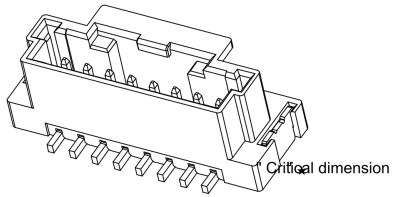
PART NO.
HRS-2008WRS-XX-XXXXXXXX

TITLE
Pitch 2.00 mm 90° SMT Wafer Connectors

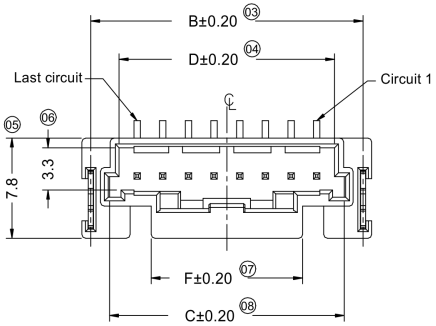
UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	2/2	A0	A-000

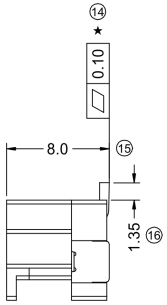
RoHS | This products can apply to the HRS Doc NO. QA-3-04-005 of Environmental&Material Management Rules

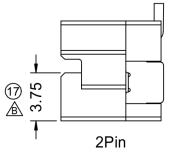


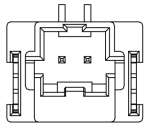


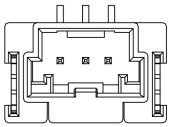
Specifications :
Voltage rating: 125V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 500V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance:≥1000MΩ
- Contact resistance: ≤10mΩ
- After environmental testing：≤20mΩ
- Material(Pin)：Brass
- Mates With HRS Housing:HRS-2008H
-

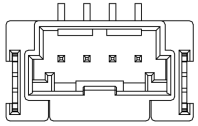


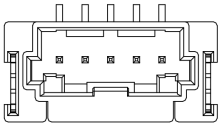






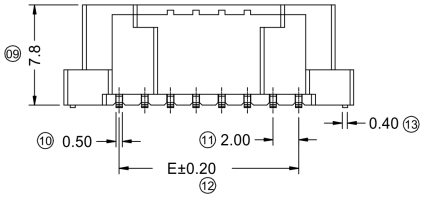


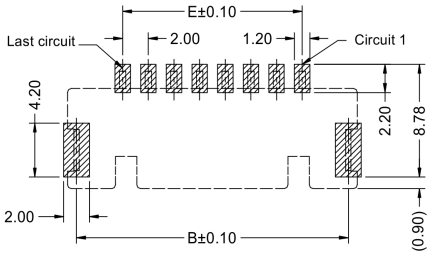




HRS-2008 W V S - 1 x XX - XX X B XX X R XXX Q
① ② ③ ④ ⑤ ⑥ ⑦⑧ ⑨ ⑩⑪ ⑫ ⑬

① Series No.
② Category：W-wafer
③ Connector Type：V-Straight 180°
④ Mouting Type: S-SMT
⑤ Row No.-Pin No: 1xXX-Single Row 1xXXPin
⑥ Plastic material: 9T- PA9T 94V-0; LP- LCP 94V-0
⑦ Color: N-Natural; B-Black; R-Red; L-Blue
⑧ Metal material: B-Brass
⑨ Plating Code: 05-Matte Tin
30-Contact Area: Gold flash
Solder Area: Matte Tin
⑩ Packing: R-Reel ,Without Mylar
⑪ RoHS/HF: R-RoHS H-Halogen-Free
⑫ Sequence Number: 002-Coldsealing ; 02C-Heatsealing
⑬ Special code :Q-Automotive Connectors





RECOMMENDED P.C.B LAYOUT
(TOLERANCE:±0.05)

Poles	Dimensions (mm)					
	A	B	C	D	E	F
02	10.60	9.23	6.30	4.80	2.00	6.30
03	12.60	11.23	8.30	6.80	4.00	5.80
04	14.60	13.23	10.30	8.80	6.00	7.80
05	16.60	15.23	12.30	10.80	8.00	9.80
06	18.60	17.23	14.30	12.80	10.00	11.80
07	20.60	19.23	16.30	14.80	12.00	11.80
08	22.60	21.23	18.30	16.80	14.00	11.80
09	24.60	23.23	20.30	18.80	16.00	11.80
10	26.60	25.23	22.30	20.80	18.00	11.80
11	28.60	27.23	24.30	22.80	20.00	11.80
12	30.60	29.23	26.30	24.80	22.00	11.80
13	32.60	31.23	28.30	26.80	24.00	11.80
14	34.60	33.23	30.30	28.80	26.00	11.80
15	36.60	35.23	32.30	30.80	28.00	11.80

DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL
2021/12/16	D	EN20211216001	Modify the first pin label	Xue	Robing
2020/03/16	C	ER20190805001	Update Drawing Frame, The Same ECR And ECN No	Alan qin	Robing

GENERAL TOLERANCE
.X ±0.30
.XX ±0.20
.XXX±0.10
X.° ±2°
PROJECT

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

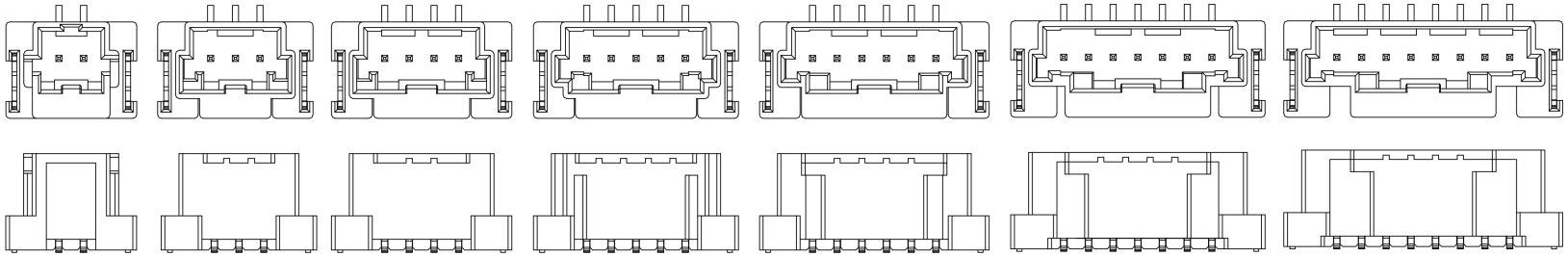
APPROVAL	CHECK	DRAWN	DATE
Robing	Joshua	Alan qin	2019/01/16

PART NO.
HRS-2008WVS-1xXX-XXXBXXRRXXXQ

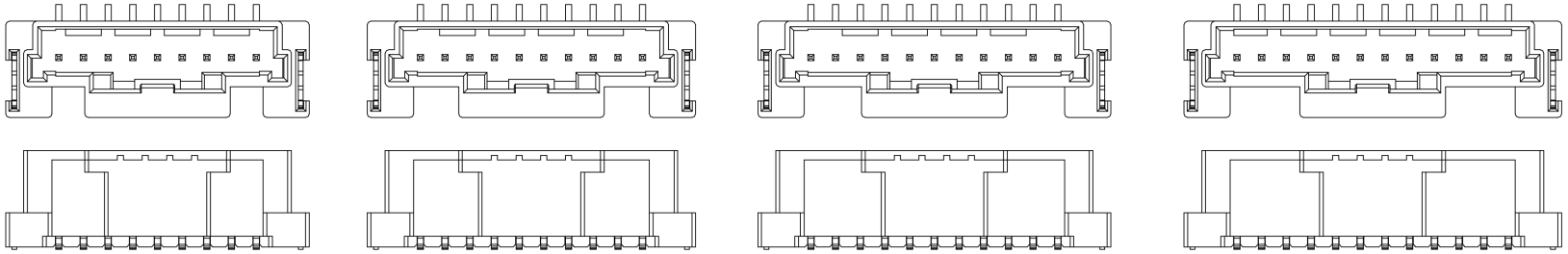
TITLE
Pitch 2.00 mm 180° SMT Wafer Connectors

UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/2	D	A-000

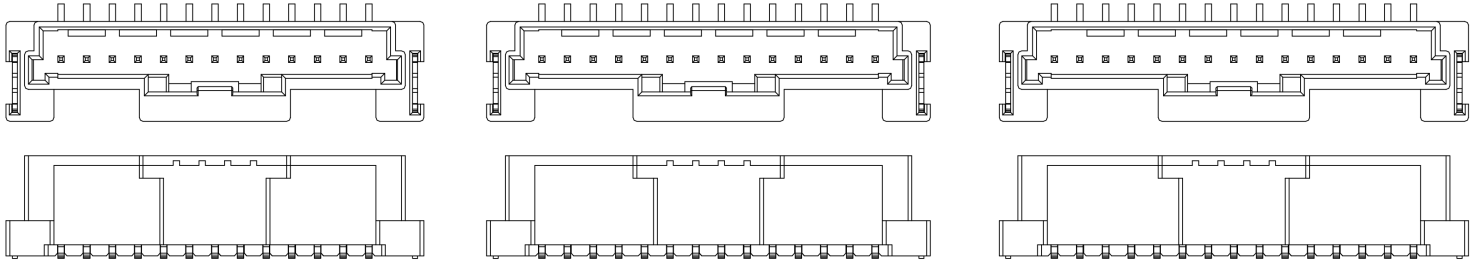
RoHS	This products can apply to the HRS Doc NO. QA-3-04-005 of Environmental&Material Management Rules



2pin 3pin 4pin 5pin 6pin 7pin 8pin



9pin 10pin 11pin 12pin



13pin 14pin 15pin

DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL
2021/12/16	D	EN20211216001	Modify the first pin label	Xue	Robing
2020/03/16	C	ER20190805001	Update Drawing Frame, The Same ECR And ECN No	Alan qin	Robing

GENERAL TOLERANCE
.X ±0.30
.XX ±0.20
.XXX±0.10
X.° ±2°
PROJECT

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

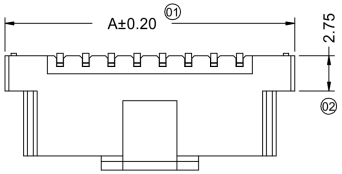
APPROVAL	CHECK	DRAWN	DATE
Robing	Joshua	Alan qin	2019/01/16

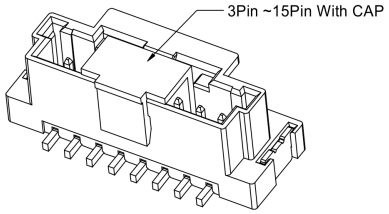
PART NO.
HRS-2008WVS-1xXX-XXXBXXRRXXXQ

TITLE
Pitch 2.00 mm 180° SMT Wafer Connectors

UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	2/2	D	A-000

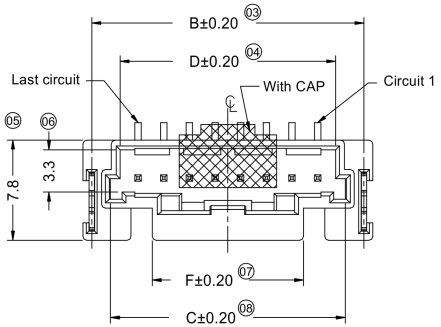
RoHS	This products can apply to the HRS Doc NO. QA-3-04-005 of Environmental&Material Management Rules

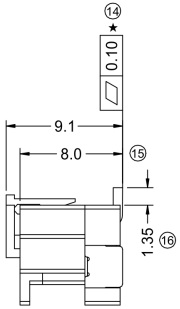


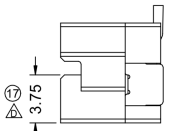


■ Specifications :

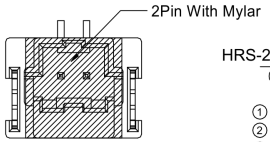
- Voltage rating: 125V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 500V AC/minute
- Temperature range: -40°C~+125°C
- Insulation resistance:≥1000MΩ
- Contact resistance: ≤10mΩ
- After environmental testing：≤20mΩ
- Material(Pin)：Brass
- Mates With HRS Housing:HRS-2008H
- "★" Critical dimension



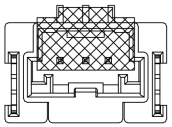




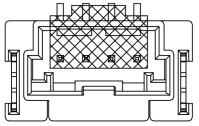
2Pin



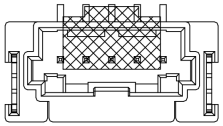
2Pin



3Pin



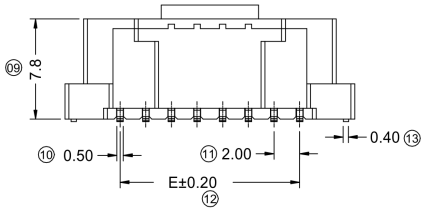
4Pin

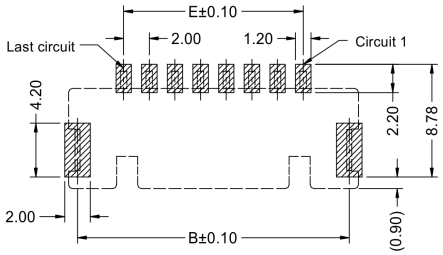


5Pin

HRS-2008 W V S - 1 x XX - XX X B 05 X R XXX Q
① ② ③ ④ ⑤ ⑥ ⑦⑧ ⑨ ⑩⑪ ⑫ ⑬

① Series No.
② Category：W-wafer
③ Connector Type：V-Straight 180°
④ Mouting Type: S-SMT
⑤ Row No.-Pin No Per Row: 1xXX-Single Row 1xXXPin
⑥ Plastic materiall: 9T- PA9T 94V-0; LP- LCP 94V-0
⑦ Color: N-Natural; B-Black; R-Red; L-Blue
⑧ Metal material: B-Brass
⑨ Plating Code: 05-Matte Tin
⑩ Packing: W-Reel ,With Mylar
C-Reel , With CAP
⑪ RoHS/HF: R-RoHS H-Halogen-Free
⑫ Sequence Number: 002-Coldsealing ; 02C-Heatsealing
⑬ Special code :Q-Automotive Connectors





RECOMMENDED P.C.B LAYOUT
(TOLERANCE:±0.05)

Poles	Dimensions (mm)					
	A	B	C	D	E	F
02	10.60	9.23	6.30	4.80	2.00	6.30
03	12.60	11.23	8.30	6.80	4.00	5.80
04	14.60	13.23	10.30	8.80	6.00	7.80
05	16.60	15.23	12.30	10.80	8.00	9.80
06	18.60	17.23	14.30	12.80	10.00	11.80
07	20.60	19.23	16.30	14.80	12.00	11.80
08	22.60	21.23	18.30	16.80	14.00	11.80
09	24.60	23.23	20.30	18.80	16.00	11.80
10	26.60	25.23	22.30	20.80	18.00	11.80
11	28.60	27.23	24.30	22.80	20.00	11.80
12	30.60	29.23	26.30	24.80	22.00	11.80
13	32.60	31.23	28.30	26.80	24.00	11.80
14	34.60	33.23	30.30	28.80	26.00	11.80
15	36.60	35.23	32.30	30.80	28.00	11.80

DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL
2021/12/16	F	EN20211216001	Modify the first pin label	Xue	Robing
2020/03/16	E	ER20190805001	Update Drawing Frame, The Same ECR And ECN No	Alan qin	Robing

GENERAL TOLERANCE
.X ±0.30
.XX ±0.20
.XXX±0.10
X.° ±2°
PROJECT

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

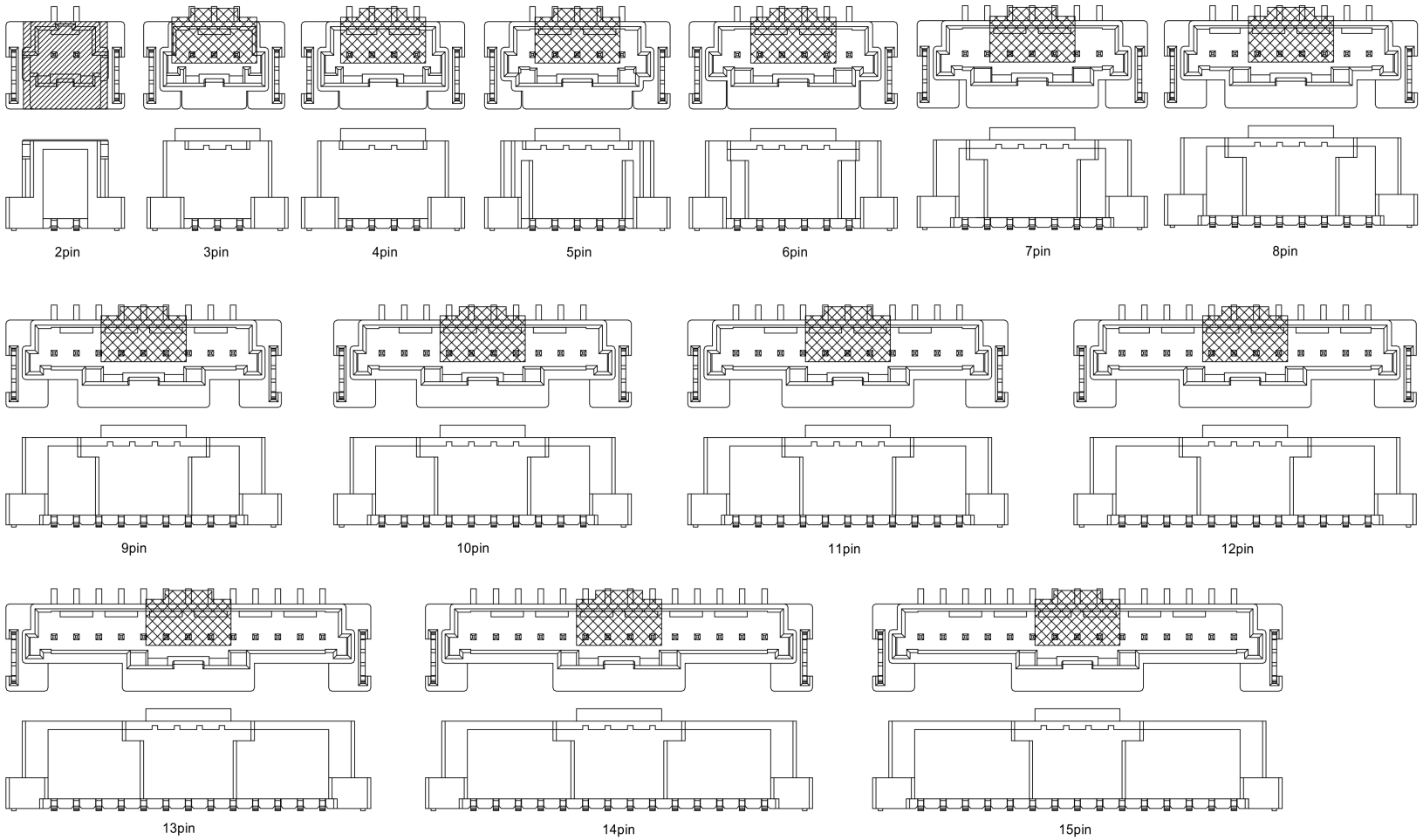
APPROVAL	CHECK	DRAWN	DATE
Robing	Joshua	Alan qin	2019/01/16

PART NO.
HRS-2008WVS-1xXX-XXXBXXRRXXXQ

TITLE
Pitch 2.00 mm 180° SMT Wafer Connectors

UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/2	F	A-000

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



DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL
2021/12/16	F	EN20211216001	Modify the first pin label	Xue	Robing
2020/03/16	E	ER20190805001	Update Drawing Frame, The Same ECR And ECN No	Alan qin	Robing

GENERAL TOLERANCE
.X ±0.30
.XX ±0.20
.XXX±0.10
X.° ±2°
PROJECT

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

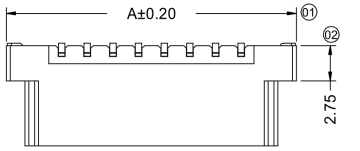
APPROVAL	CHECK	DRAWN	DATE
Robing	Joshua	Alan qin	2019/01/16

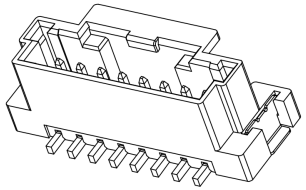
PART NO.
HRS-2008WVS-1xXX-XXXBXXRRXXXQ

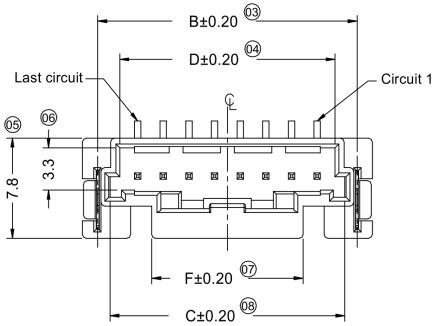
TITLE
Pitch 2.00 mm 180° SMT Wafer Connectors

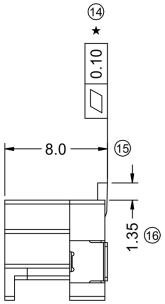
UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	2/2	F	A-000

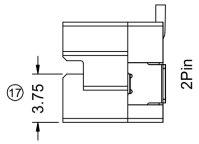
RoHS | This products can apply to the HRS Doc NO. QA-3-04-005 of Environmental&Material Management Rules

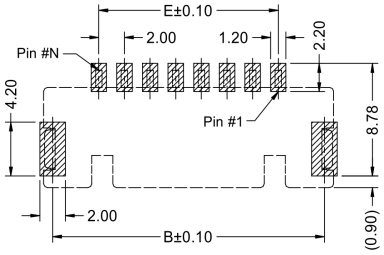






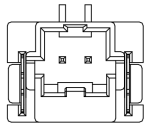




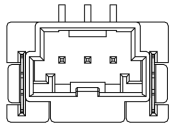


RECOMMENDED P.C.B LAYOUT
(TOLERANCE:±0.05)

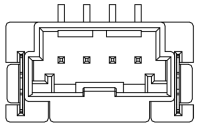
■ Specifications :
- Voltage rating: 125V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 500V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance:≥1000MΩ
- Contact resistance: ≤10mΩ
- After environmental testing: ≤20mΩ
- Material(Pin): Brass
- Mates With HRS Housing: HRS-2008H
- " ★ " Critical dimension



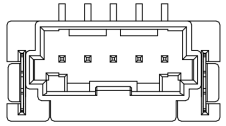
2Pin



3Pin



4Pin



5Pin

HRS-2008 W V S - XX - XX XXX X XX
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① Series No.
② Category: W-wafer
③ Connector Type: V-Straight 180°
④ Mouting Type: S-SMT
⑤ Row No.-Pin No: XX-Single Row XXPin
⑥ Plastic material: 9T- PA9T 94V-0; LP- LCP 94V-0
⑦ Plating Code; SW1-Matte Tin
GW01-Contact Area: Gold flash
Solder Area: Matte Tin
⑧ Color: N-Natural; B-Black; R-Red; L-Blue
⑨ Packing: W-Reel ,With Mylar C-Reel , With CAP
R-Reel ,Without Mylar and Cap:

Poles	Dimensions (mm)					
	A	B	C	D	E	F
02	10.60	8.23	6.30	4.80	2.00	6.30
03	12.60	10.23	8.30	6.80	4.00	5.80
04	14.60	12.23	10.30	8.80	6.00	7.80
05	16.60	14.23	12.30	10.80	8.00	9.80
06	18.60	16.23	14.30	12.80	10.00	11.80
07	20.60	18.23	16.30	14.80	12.00	11.80
08	22.60	20.23	18.30	16.80	14.00	11.80
09	24.60	22.23	20.30	18.80	16.00	11.80
10	26.60	24.23	22.30	20.80	18.00	11.80
11	28.60	26.23	24.30	22.80	20.00	11.80
12	30.60	28.23	26.30	24.80	22.00	11.80
13	32.60	30.23	28.30	26.80	24.00	11.80
14	34.60	32.23	30.30	28.80	26.00	11.80
15	36.60	34.23	32.30	30.80	28.00	11.80

DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL

GENERAL TOLERANCE
.X ±0.30
.XX ±0.20
.XXX±0.10
X.° ±2°
PROJECT

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

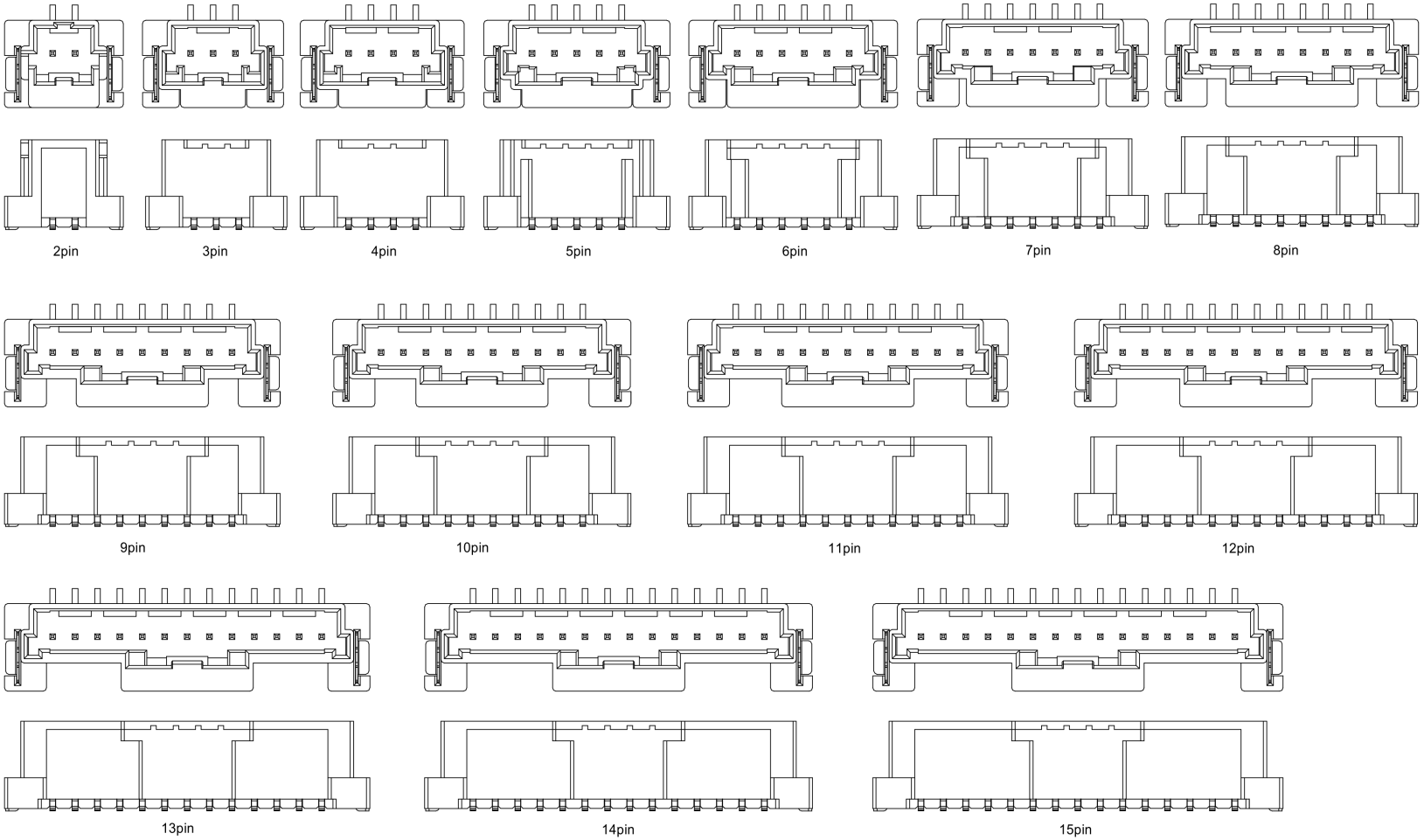
APPROVAL	CHECK	DRAWN	DATE
Larry	Wang	Xue	2022/10/11

PART NO.
HRS-2008WVS-XX-XXXXXXX

TITLE
Pitch 2.00 mm 180° SMT Wafer Connectors

UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/2	A0	A-000

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



DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL

GENERAL TOLERANCE
.X ±0.30
.XX ±0.20
.XXX±0.10
X.° ±2°
PROJECT

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

APPROVAL	CHECK	DRAWN	DATE
Larry	Wang	Xue	2022/10/11

PART NO. HRS-2008WVS-XX-XXXXXXX

TITLE Pitch 2.00 mm 180° SMT Wafer Connectors

UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	2/2	A0	A-000