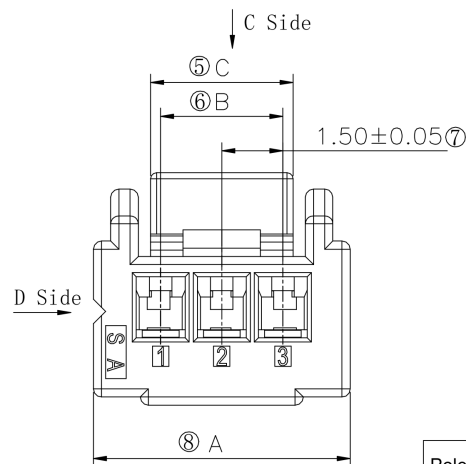
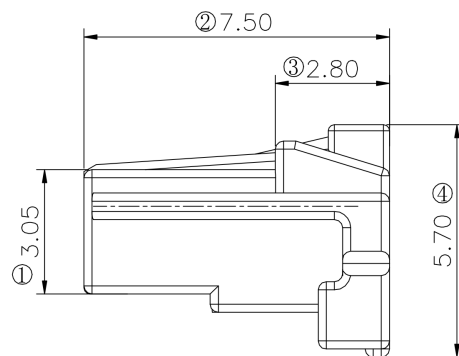
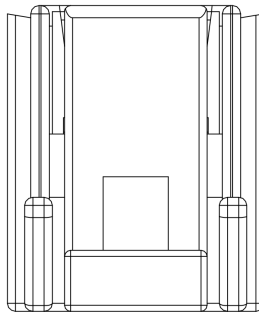
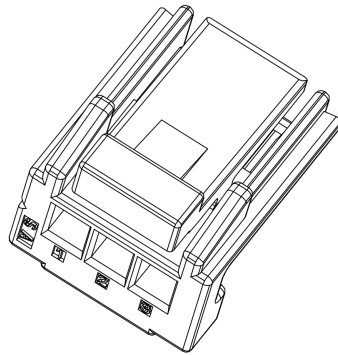


RoHS

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

RD-1



■ Specifications :

- Voltage rating: 125V AC / DC
- Current rating: 2A AC / DC
- Withstanding voltage: 500V 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(HRS-1506T)
- Mates With HRS Wafer: HRS-1506WRS、HRS-1506WVS

HRS-1506 H M-1xXX-PT N B R 01F
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- ① Series No.
- ② Category: H-HSG
- ③ Shape: M-male
- ④ Row No.-Pin No: 1xXX-Single Row 1x02~1X16Pin
- ⑤ Plastic material: PT- PBT UL94V-0
- ⑥ Color: N-Natural; B-Black; R-Red; L-Blue
- ⑦ Packing: B-Bag
- ⑧ RoHS/HF Code: H-Halogen-Free R-RoHS Compliant
- ⑨ Sequence Number: 01F

Poles	Dimensions(mm)			Poles	Dimensions(mm)			Poles	Dimensions(mm)		
	A	B	C		A	B	C		A	B	C
02	5.00	1.50	2.70	07	12.30	9.00	7.50	12	19.80	16.50	9.80
03	6.30	3.00	3.50	08	13.80	10.50	9.80	13	21.30	18.00	11.30
04	7.80	4.50	4.50	09	15.30	12.00	9.80	14	22.80	19.50	11.30
05	9.30	6.00	4.50	10	16.80	13.50	9.80	15	24.30	21.00	11.30
06	10.80	7.50	7.50	11	18.30	15.00	9.80	16	25.80	22.50	11.30

A	2023/8/15	C	/	Update Drawing Frame	Starry lin	Larry Yang
	2020/6/15	B	EN20200615001	Update the contrast view for different PIN	Yu Yongping	Harvey Yan
	DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL
	1	2	3	4	5	6

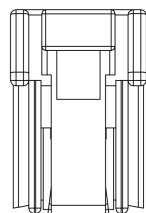
GENERAL TOLERANCE	
.X	± 0.35
.XX	± 0.25
.XXX	± 0.15
X.*	$\pm 0.2^{\circ}$
PROJECT	



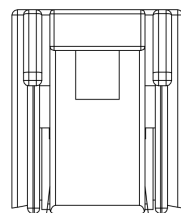
Horus Int. Electronics. Co., LTD.
Horustech Electronics. Co., LTD.

APPROVAL	CHECK	DRAWN	DATE
Jack Zhang	Larry Yang	Hu Chuang	2019/08/16

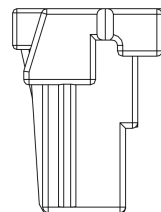
PART NO.		HRS-1506HM-1xXX-PTNBRO1F				
TITLE		1.5 mm Pitch Housing				
UNIT	SCALE	SHEET	REV	NUMBER		
mm	1:1	1/2	C	A-022		



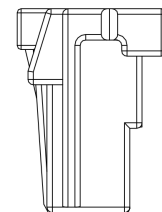
2PIN



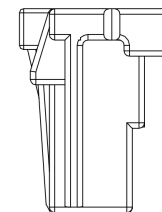
3、4、6PIN



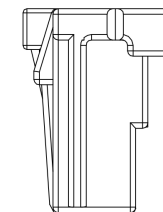
2PIN



3、4PIN



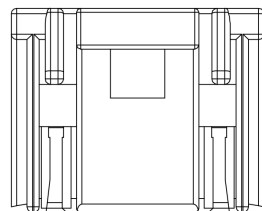
6PIN



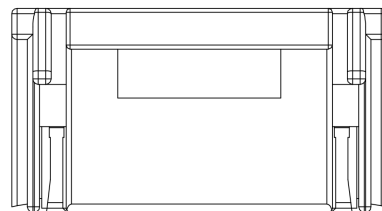
5、7-16PIN

C View

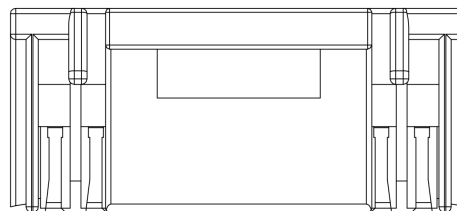
D View



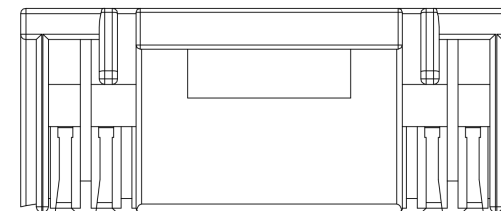
5、7、9PIN



8PIN



10、12、13PIN



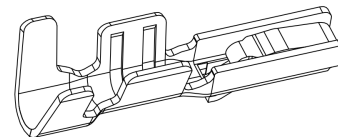
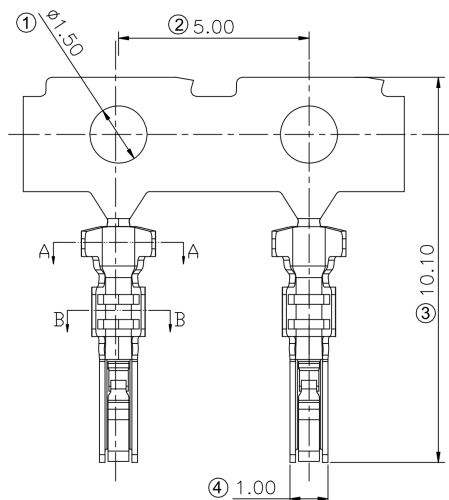
11、14-16PIN

A							GENERAL TOLERANCE				Horus Int. Electronics. Co., LTD. HorusTech Electronics. Co., LTD.				PART NO. HRS-1506HM-1xXX-PTNBRO1F			
							.X ±0.35											
							.XX ±0.25											
							.XXX ±0.15											
							X.* ±0.2*											
2023/8/15	C	/	Update Drawing Frame	Starry lin	Larry Yang									TITLE 1.5 mm Pitch Housing				
2020/6/15	B	EN20200615001	Update the contrast view for different PIN	Yu Yongping	Harvey Yan													

RoHS

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

RD-1



NOTES:

1. MATERIAL: Phosphor Bronze
2. Product Specification: PS-HRS-1506-01
3. Packaging: see HRS drawing PK-HRS-1506TM

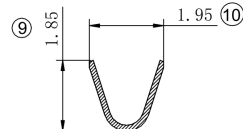
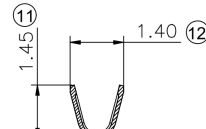
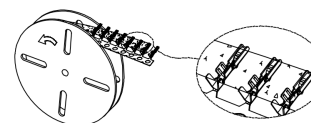
■ Specifications :

- Voltage rating: 125V AC / DC
- Current rating: 2A AC / DC
- Withstanding voltage: 800V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance: >500M Ω
- Contact resistance: <20m Ω
- After environmental testing: <40m Ω

HRS-1506 T M-P XX S H 01F

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- ① Series Number
② Category: T-terminal
③ Shape: M-Male
④ Material: P-Phosphor bronze
⑤ Plating style: see table
⑥ Plating method: S-Stamping before plating
⑦ Special NO: H-WIRE SIZE 24~28 AWG
⑧ Sequence Number: 01F

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

1506TM-PXXSH-01F		AWG#24~28 (0.08~0.22mm ²)	Ø 1.2mm Max	Underplate: Ni 50~100u" (1.25~2.5um) overall Top plating: Glod Flash overall	HRS-1506HM	1.95	1.40
P/N	Wire	Wire	Finish	Suitable HRS Housing	Dim A	Dim B	
2023/08/14	B	/	Update Drawing Frame	Starry lin	Larry Yang		
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL		

GENERAL TOLERANCE	
X	±0.35
.XX	±0.25
.XXX	±0.15
X.°	±0.5°
PROJECT	

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

PART NO.

HRS-1506TM-PXXSH-01F

TITLE

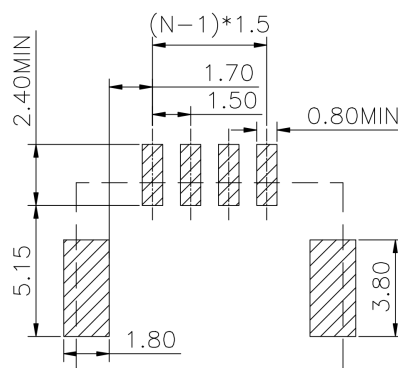
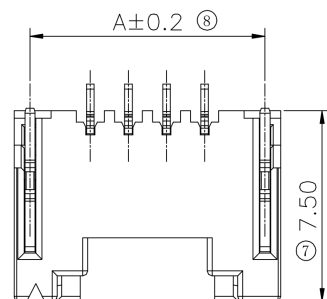
1.5 mm Pitch Crimp Terminal

UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	B	XXXX

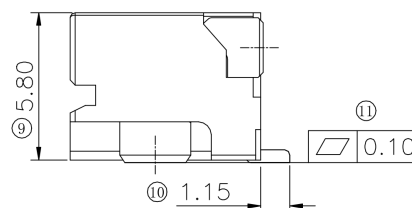
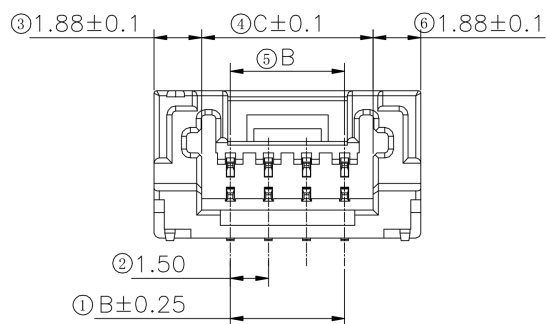
APPROVAL	CHECK	DRAWN	DATE
Jack Zhang	Larry Yang	Hu Chuang	2019/08/16

RoHS

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



Recommended P.C.B Layout
General Tolerance±0.05



■ Specifications :

- Voltage rating: 125V AC / DC
- Current rating: 2A AC / DC
- Withstanding voltage: 500V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: <20mΩ
- After environmental testing: <40mΩ
- Material(Pin): Phosphor bronze
- Mates With HRS Housing: HRS-1506HM

HRS-1506 W R S -1xXX- 9T N P XX R R 001 F
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬

- ① Series No.
② Category: W-wafer
③ Connector Type: R-Right Angle 90°
④ Mounting Type: S-SMT
⑤ Row No.-Pin No: 1xXX-Single Row 1xXXPin
⑥ Plastic material: 9T-PA9T UL94V-0
⑦ Color: N-Natural; B-Black; R-Red; L-Blue
⑧ Metal material: P-Phosphor bronze
⑨ Plating Code: 10-FULL Gold Flash
41-Bright tin plating
Ni50u~100u Sn100~200u"
42-Tin plating
Ni50u~100u Sn100~200u"
⑩ Packing: R-Reel and Cap
⑪ RoHS/HF Code: R-RoHS
⑫ Sequence Number: 001
⑬ Special code: F-Other Connectors

GENERAL TOLERANCE

.X ±0.35

.XX ±0.25

.XXX ±0.15

X." ±2"

PROJECT

PROJECT



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

PART NO.
HRS-1506WRS-1xXX-9TNPXXRRO01F

TITLE:
1.5mm Pitch Connectors(90°)

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

APPROVAL

CHECK

DRAWN

DATE

Jack Zhang

Larry Yang

Hu Chuan

2020/02/25

DATE

REV

ECN NO.

DESCRIPTION

MODIFY

APPROVAL

1

2

3

4

5

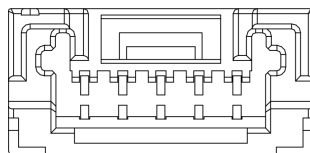
6

7

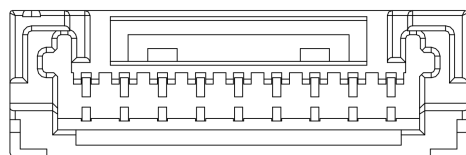
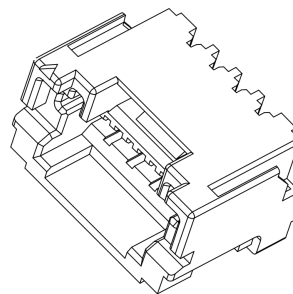
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RoHS

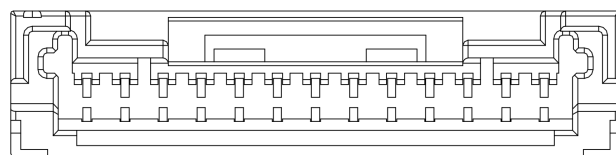
This products can apply to the HRS Doc NO. QA-3-04-005
of Environmental&Material Management Rules



1~5PIN



6~9PIN



10~16 PIN

Poles	Dimensions(mm)		
	A	B	C
02	6.25	1.50	3.75
03	7.75	3.00	5.25
04	9.25	4.50	6.75
05	10.75	6.00	8.25
06	12.25	7.50	9.75
07	13.75	9.00	11.25
08	15.25	10.50	12.75
09	16.75	12.00	14.25
10	18.25	13.50	15.75
11	19.75	15.00	17.25
12	21.25	16.50	18.75
13	22.75	18.00	20.25
14	24.25	19.50	21.75
15	25.75	21.00	23.25
16	27.25	22.50	24.75

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-1506WRS-1xx-9TNPXXRRO01F

TITLE:

1.5mm Pitch Connectors(90°)

UNIT

mm

SCALE

1:1

SHEET

2/2

REV

A

NUMBER

A-000

APPROVAL

Jack Zhang

CHECK

Larry Yang

DRAWN

Hu Chuan

DATE

2020/02/25

DATE

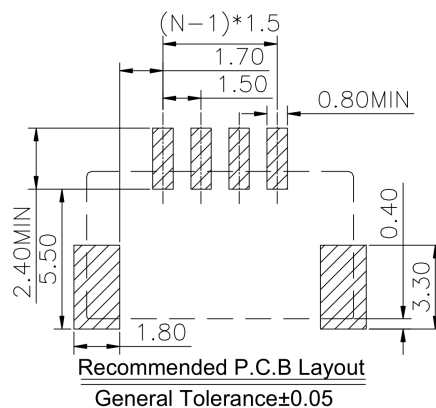
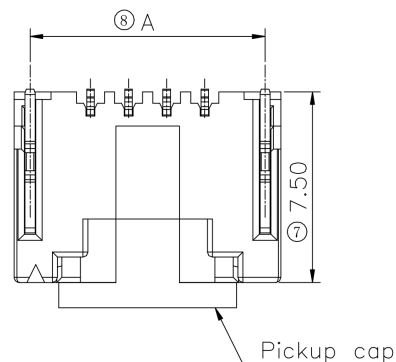
REV

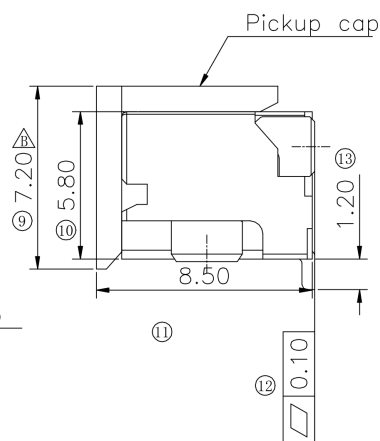
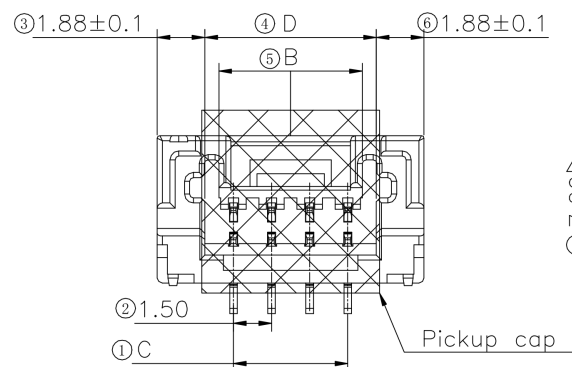
ECN NO.

DESCRIPTION

MODIFY

APPROVAL

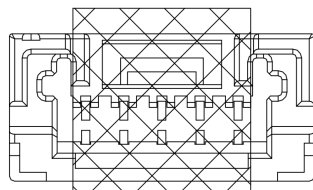




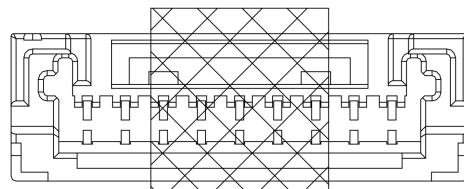
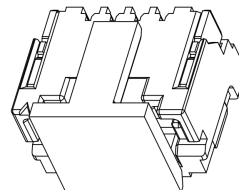
RoHS

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

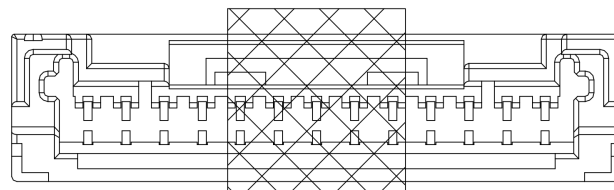
RD-1



1~5PIN



6~9PIN



10~16 PIN

Poles	Dimensions (mm)			
	A ± 0.2	B ± 0.2	C ± 0.2	D ± 0.2
02	6.25	2.65	1.50	3.75
03	7.75	4.15	3.00	5.25
04	9.25	5.65	4.50	6.75
05	10.75	7.15	6.00	8.25
06	12.25	8.65	7.50	9.75
07	13.75	10.15	9.00	11.25
08	15.25	11.65	10.50	12.75
09	16.75	13.15	12.00	14.25
10	18.25	14.65	13.50	15.75
11	19.75	16.15	15.00	17.25
12	21.25	17.65	16.50	18.75
13	22.75	19.15	18.00	20.25
14	24.25	20.65	19.50	21.75
15	25.75	22.15	21.00	23.25
16	27.25	23.65	22.50	24.75

2023. 8. 15	C	/	Update Drawing Frame	Starry lin	Larry Yang
2020. 10. 21	B	EN120201022001	Change cap dimension ⑨	Wang	Harvey Yan
2020. 02. 25	A	/	Initial release	/	Harvey Yan
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL

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
Jack Zhang	Larry Yang	Hu Chuan	2020/02/25

PART NO.				
HRS-1506WVS-1xxx-9TNPXXCR001F				
TITLE				
1.5mm Pitch Connectors(180 $^{\circ}$)				
UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	2/2	C	A-082