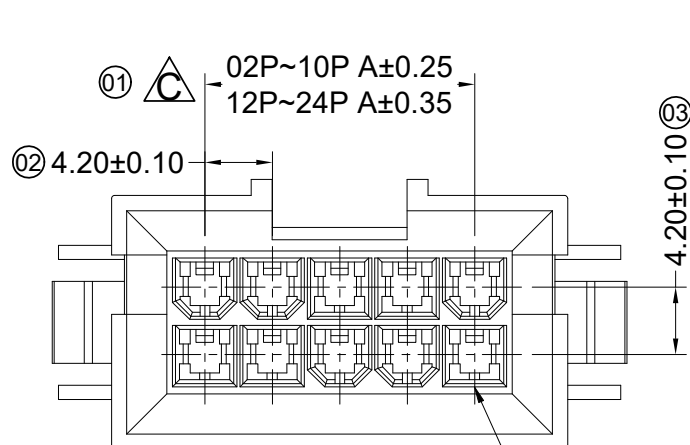
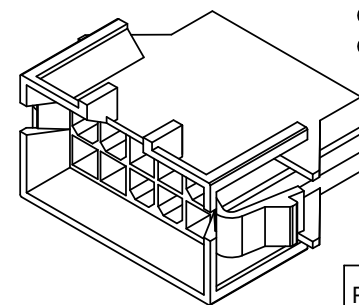
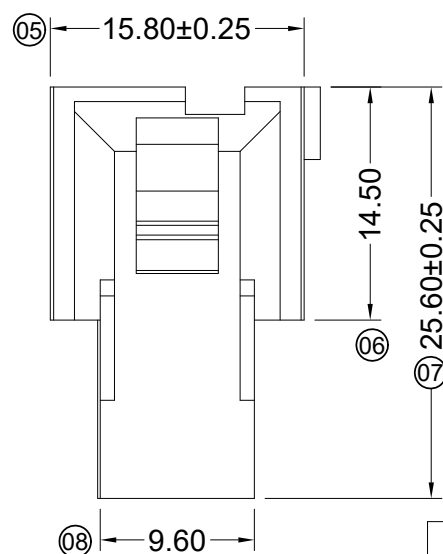
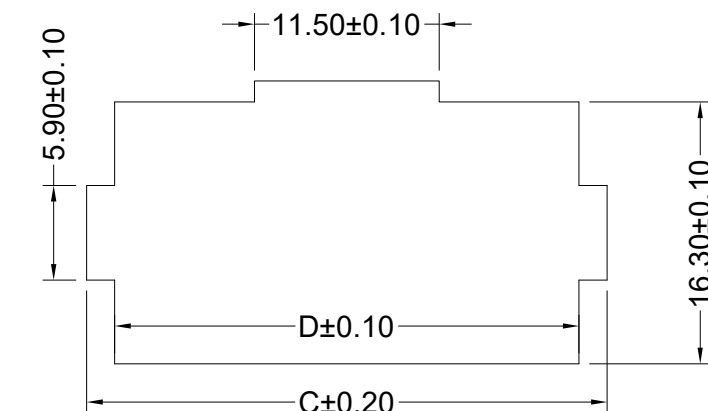
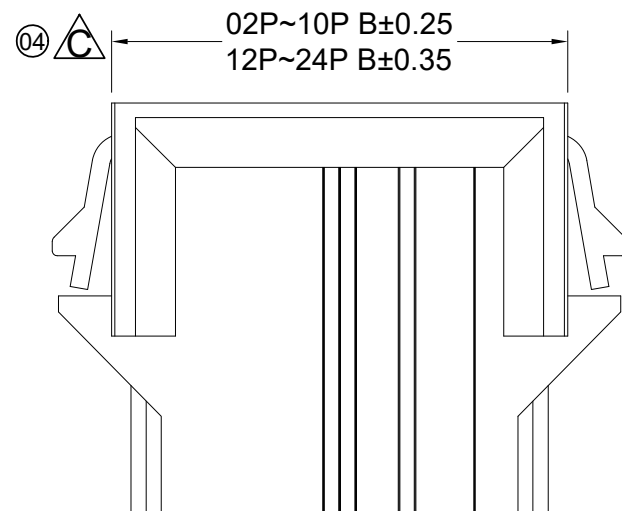


RoHS

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



Circuit 1



- Specifications :
- Voltage rating: 600V AC / DC
- Current rating: 9A AC / DC
- Withstanding voltage: 1500V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance: $\geq 1000\text{M}\Omega$
- Contact resistance: $\leq 10\text{m}\Omega$
- After environmental testing: $\leq 20\text{m}\Omega$

HRS-9357 H F - 2*XX B - N2 XX

- ⑪ Series No.
 ⑫ Category: H-HSG
 ⑬ Welding Board Angle:
 ⑭ Blank-ordinary F-Fmale HGS
 ⑮ Row No.-Pin No.: 2*XX-Double row
 ⑯ Plug the Pin & special No.: B-With a trough
 ⑰ Material: N2-PA66 94V-2
 Color: Blank-natural color

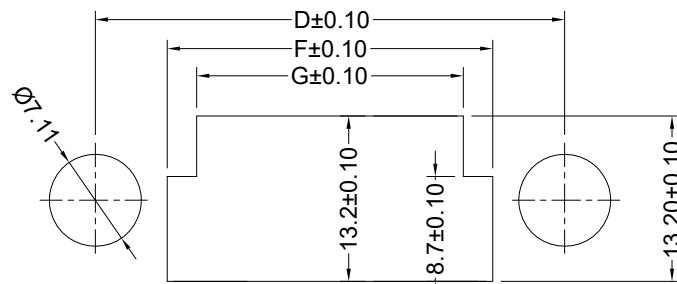
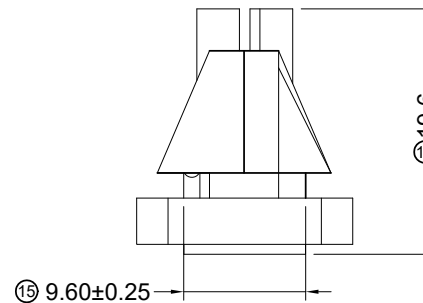
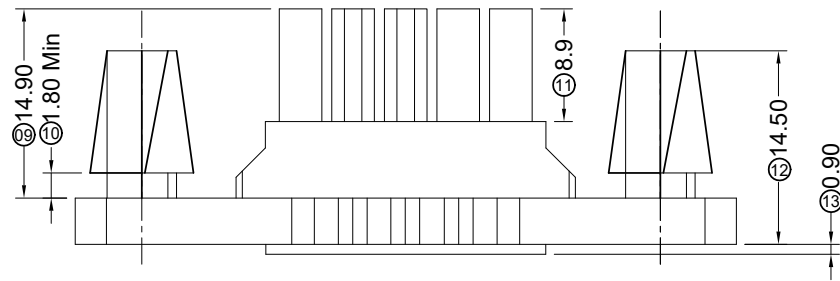
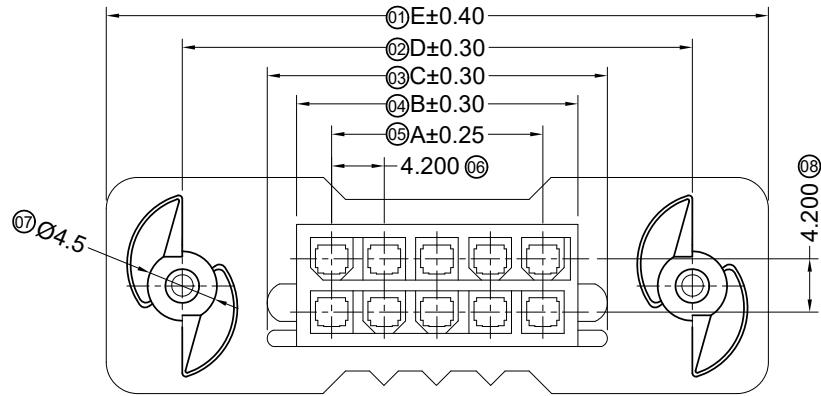
Poles	Dimensions (mm)			D
	A	B	C	
04	4.20	15.80	19.80	16.30
06	8.40	20.00	24.00	20.50
08	12.60	24.20	28.20	24.70
10	16.80	28.40	32.40	28.90
14	25.20	36.80	40.80	37.30
18	33.60	45.20	49.20	45.70
20	37.80	49.40	53.40	49.90
22	46.20	57.80	61.80	58.30

HRS-9357HF-2*XB-N2	Nylon 66 UL 94V-2	HRS-9357TM	HRS-9357HM-B 、 HRS-9357WR-E
PART N0	Material	Suitable HRS Terminal	Mates With HRS Housing Or Wafer

A	2015.05.04	E		Modify the drawing frame format	Feng Ping	Bob Sun	GENERAL TOLERANCE	Horus Int. Electronics. Co., LTD. Horus tech Electronics. Co., LTD.				PART NO. HRS-9357HF-2*XXB-N2				
						.X ±0.30										
	2013/11/30	D		Modify the drawing frame format			.XX ±0.20									
	2013/07/18	C		Modify the drawing frame format, according to the physical correction shape tolerance			.XXX ±0.10	APPROVAL	CHECK	DRAWN	DATE	TITLE 4.20mm Crimp Style Connectors				
						X.° ±2"										
	DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL	PROJECT 			Allen	2013/11/29	UNIT	SCALE	SHEET	REV	NUMBER
												mm	1:1	1/1	E	A-018

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: 600V AC / DC
- Current rating: 12.5A AC / DC(16 AWG)
- Withstanding voltage: 1500V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤10mΩ
- After environmental testing: ≤20mΩSui
- table HRS Terminal:HRS-9357TF
- Mates With HRS Housing or Wafer:
HRS-9357HF-B or HRS-9357WR-B

HRS-9357 H M - 2*XX B - N0 XX

① ② ③ ④ ⑤ ⑥ ⑦

- ① Series No.
- ② Category: H-HSG
- ③ Welding Board Angle: M-Male HGS
- ④ Row No.-Pin No.:2*XX-Double row
- ⑤ Plug the Pin & special No.B-With the back seat
- ⑥ Material: N0-PA66 94V-0
- ⑦ Color: Blank-natural color

Poles	Dimensions (mm)						
	A	B	C	D	E	F	G
2		5.40	10.10	25.00	36.00	13.40	8.70
4	4.20	9.60	14.30	29.20	40.20	17.60	12.90
6	8.40	13.80	18.50	33.40	44.40	21.80	17.10
8	12.60	18.00	22.70	37.60	48.60	26.00	21.30
10	16.80	22.20	26.90	41.80	52.80	30.20	25.50
12	21.00	26.40	31.10	46.00	57.00	34.40	29.70
14	25.20	30.60	35.30	50.20	61.20	38.60	33.90
16	29.40	34.80	39.50	54.40	65.40	42.80	38.10
18	33.60	39.00	43.70	58.60	69.60	47.00	42.30
20	37.80	43.20	47.90	62.80	73.80	51.20	46.50
22	42.00	47.40	52.10	67.00	78.00	55.40	50.70
24	46.20	51.60	56.30	71.20	82.20	59.60	54.90

GENERAL TOLERANCE

.X ±0.30

.XX ±0.20

.XXX ±0.10

X.° ±2°

PROJECT

① ②



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

PART NO.

HRS-9357HM-2*XXB-N0

TITLE

4.20mm Crimp Style Conncters

UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	A	A-037

DATE

REV

ECN NO

DESCRIPTION

MODIFY

APPROVAL

APPROVAL

CHECK

DRAWN

DATE

Smak

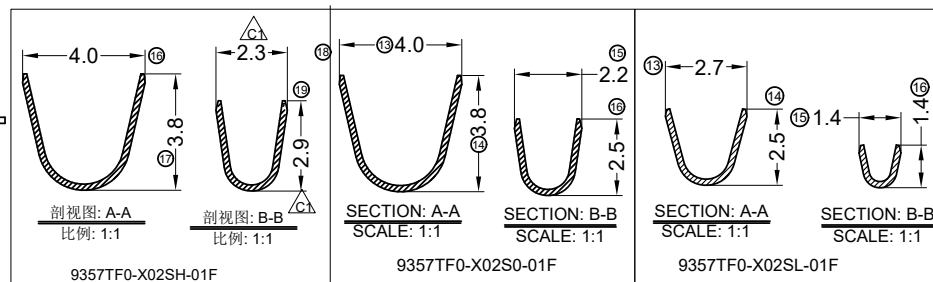
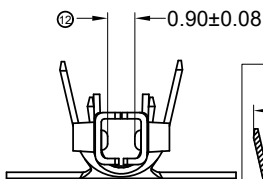
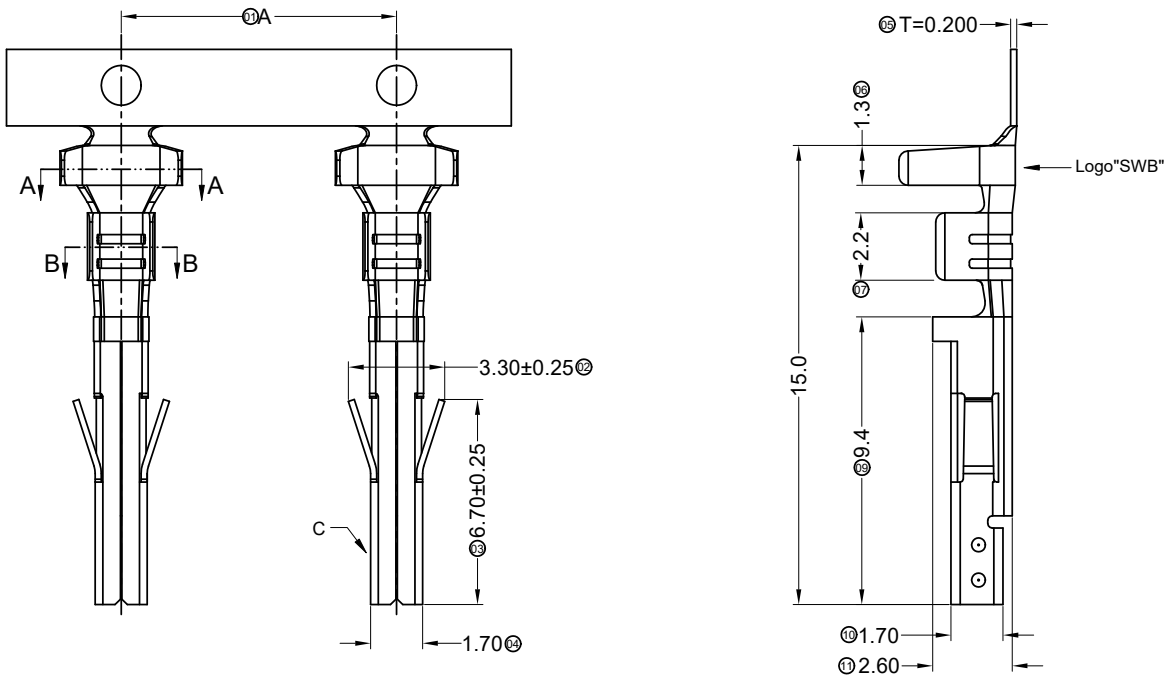
Guo

Oneh

2018/11/05

RoHS

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

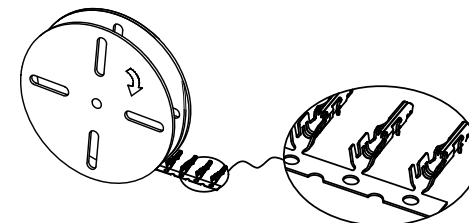


■ Specifications :

- Voltage rating: 600V AC / DC
- Current rating: 9A AC / DC
- Withstanding voltage: 1500V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance: $\geq 1000\text{M}\Omega$
- Contact resistance: $\leq 10\text{m}\Omega$
- After environmental testing: $\leq 20\text{m}\Omega$

HRS-9357 T F 0 - X XX X X - 01 F
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① Series Number
- ② Category: T-terminal
- ③ Shape: F-Female
- ④ Shape: 0-Ordinary
- ⑤ Material: B-Brass P-Phosphor Bronze
- ⑥ Plating style: 02-Ni 30μ" Sn 80μ" Min
20-Ni 30μ" Contact area G/F
- ⑦ Plating method: S-Stamping before plating
- ⑧ L-Ultra low foot , 0-Ordinary foot,H-H
- ⑨ Water Code:01
- ⑩ Special Code:F-Other connectors



Package way

SCALE 4:1

HRS-9357TF0-X02SL-01F	Barss or Phosphor Bronze	6.20mm△	24~26 AWG	1.5mm(Max)	HRS-9357HM
HRS-9357TF0-X02S0-01F		9.00mm	18~22 AWG	2.10mm(Max)	
HRS-9357TF0-X02SH-01F		9.00mm	16~18 AWG	3.10mm(Max)	
PART NO	Material	DIM A	Wire Range	Insulation O.D.	Used In HRS Housing

2022/05/25	C1	EN20220525001	Added height specifications	Zeng	Robing	GENERAL TOLERANCE	 Horus Int. Electronics. Co., LTD.  Horustech Electronics. Co., LTD.				PART NO. HRS-9357TF0-X02SX-01F				
2020/03/26	C	EN20200326002	Update Drawing Frame, The Same ECR And ECN NO	Zeng	Robing	.X ±0.30					TITLE 4.20mm Crimp Style Connectors				
2019/05/15	B	EN20190515002	Modify hole spacing of material belt 	Joshua	Smarr	.XX ±0.20 .XXX ±0.10									
DATE	REV	ECN ON.	DESCRIPTION	MODIFY	APPROVAL	PROJECT 	Smarr	Guo	Hai Lang	2018-06-28	SHEET 1/1	REV C1	NUMBER A-218		

RoHS

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

■ Specifications :

- Voltage rating: 600V AC / DC
- Current rating: 12.5A AC / DC(16 AWG)
- Withstanding voltage: 1500V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance: $\geq 1000\text{M}\Omega$
- Contact resistance: $\leq 10\text{m}\Omega$
- After environmental testing: $\leq 20\text{m}\Omega$
- Used In HRS Housing: HRS-9357HM

HRS-9357 T X F-H XX X-X

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① Series Number

② Category: T-terminal

③ Special N0: Blank-Ordinary Feet ; H-High Feet;

④ Shape: F-Female

⑤ Material: H-High conductivity copper

⑥ Plating style:

SN-60u" Ni;120u" Sn Min.

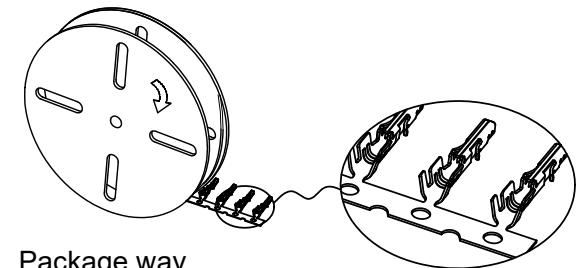
G01-30u" Min Ni;Contact area Gold Flash

G03-30u" Min Ni;Contact area gold 3u"

⑦ Plating method: Blank-Stamping before plating

⑧ Mold No./Mark/Special No.

HRS-	-H	18~22AWG	2.10mm (Max)
HRS-	H -H	16~18AWG	3.10mm (Max)
P/N	Wire Range	Insulation O.D.	



Package way

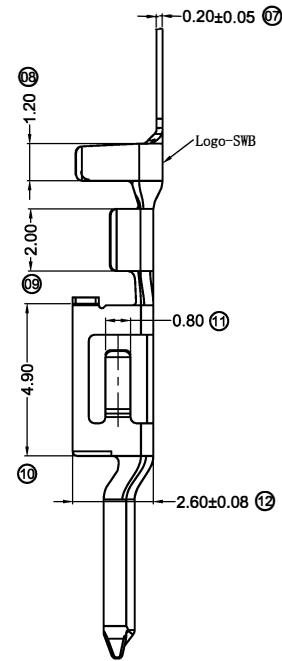
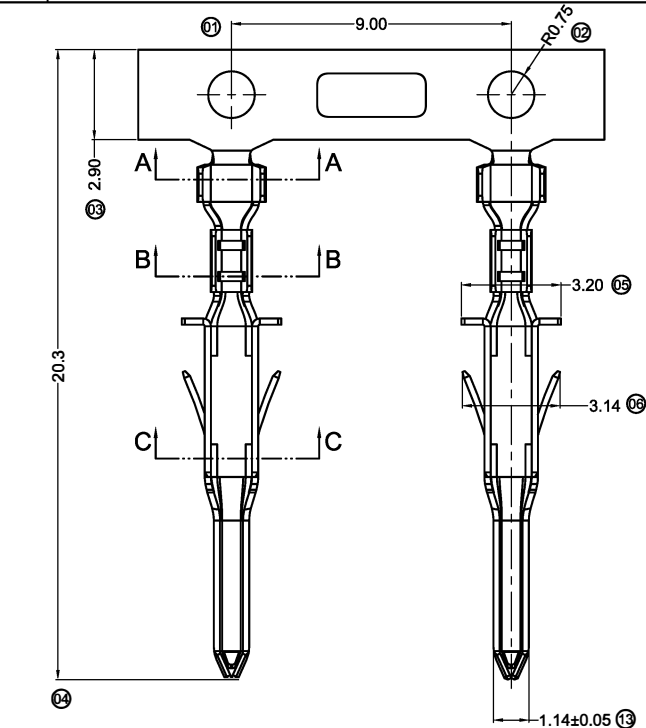
SCALE 4:1

SECTION: A-A
SCALE: 1:1Ordinary Feet
SECTION: B-B
SCALE: 1:1High Feet
SECTION: B-B
SCALE: 1:1

						GENERAL TOLERANCE				Horus Int. Electronics. Co., LTD. HorusTech Electronics. Co., LTD.				PART NO. HRS-9357TXF-HXXX				
A	2022/05/23	B1	EN20220523001	Add High Feet	Zeng	Robing	.X	± 0.30	PROJECT Smark	APPROVAL	CHECK Joshua	DRAWN Jason	DATE 2016/03/22	TITLE 4.20mm Crimp Style Connectors				
	2020/03/26	B	EN20200326002	Update Drawing Frame	Zeng	Robing	.XX	± 0.20						UNIT	SCALE	SHEET	REV	NUMBER
	DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL	.XXX	± 0.10						mm	1:1	1/1	B1	A-218
							X°	$\pm 2^\circ$										

RoHS

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



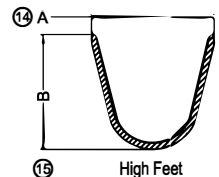
Specifications :

- Voltage rating: 600V AC / DC
- Current rating: 9A Max AC / DC
- Withstanding voltage: 1500V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance: $\geq 1000\text{M}\Omega$
- Contact resistance: $\leq 10\text{m}\Omega$
- After environmental testing: $\leq 20\text{m}\Omega$

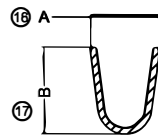
HRS-9357 T M-X SN X-X

① ② ③ ④ ⑤ ⑥ ⑦

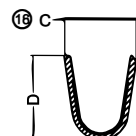
- ① Series No.
- ② Category: T-Terminal
- ③ Connector type: M-Male Terminal
- ④ Material: B-Brass; P-Phosphor Bronze
- ⑤ Plating code: SN-Bright Tin Plating
- ⑥ Plating Method :
Blank-Stamping before Plating
- ⑦ Special N0: Blank-Ordinary Feet
L-Low Feet ; H-High Feet;



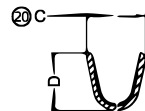
SECTION: A-A
SCALE: 1:1



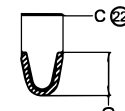
SECTION: A-A
SCALE: 1:1



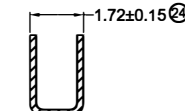
SECTION: B-B
SCALE: 1:1



SECTION: B-B
SCALE: 1:1



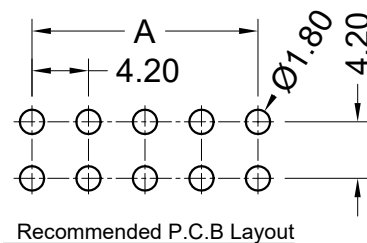
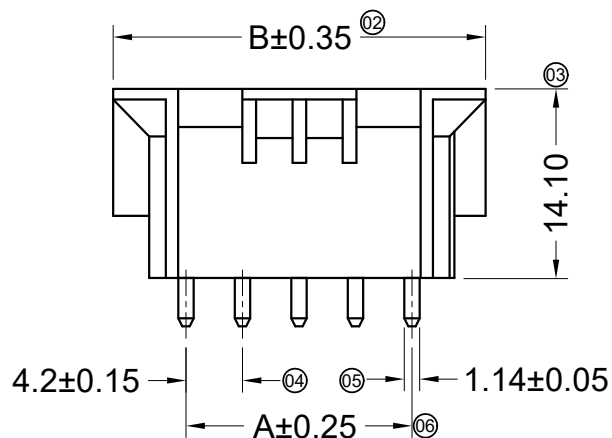
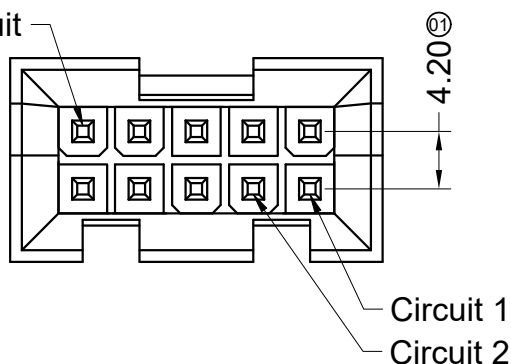
SECTION: B-B
SCALE: 1:1



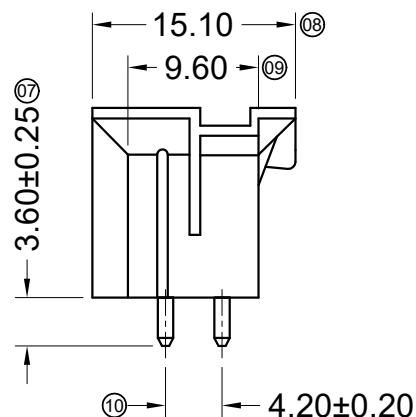
SECTION: C-C
SCALE: 1:1

HRS-9357TM-XXX-H	AWG#16~18 (0.8~1.00mm ²)	2.1mm(Max)	3.95	3.70	2.30	2.70	HRS-9357HF
HRS-9357TM-XXX	AWG#20~22 (0.5~0.35mm ²)	1.50mm(Max)	2.20	2.80	1.90	1.85	
HRS-9357TM-XXX-L	AWG#24~26 (0.22~0.13mm ²)	1.30mm(Max)	2.20	2.80	1.34	1.40	
料号	线芯 O.D	绝缘 O.D	DIM a	DIM b	DIM c	DIM d	Used In HRS Housing

						GENERAL TOLERANCE	 Horus Int. Electronics. Co., LTD. Horustech Electronics. Co., LTD.				PART NO. HRS-9357TM-XSN-X				
						.X ±0.30					TITLE 4.20 mm Crimp Style Connectors				
						.XX ±0.20									
						.XXX ±0.10	APPROVAL	CHECK	DRAWN	DATE	UNIT SCALE SHEET REV NUMBER mm 1:1 1/1 A0 A-000				
						X.° ±2°									
DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL	PROJECT 	Larry	/	Zeng	2021/12/21					



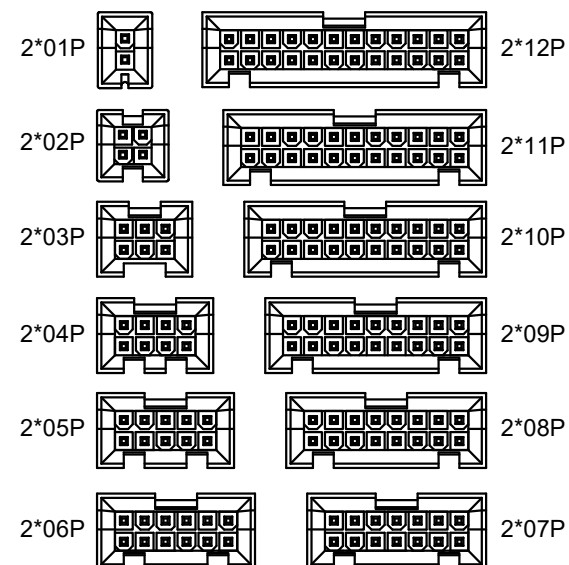
- Voltage rating: 600V AC / DC
- Current rating: 9A AC / DC
- Withstanding voltage: 1500V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance: $\geq 1000\text{M}\Omega$
- Contact resistance: $\leq 10\text{m}\Omega$
- After environmental testing: $\leq 20\text{m}\Omega$
- Material (Pin) : Brass



Poles	Dimensions (mm)		Poles	Dimensions (mm)	
	A	B		A	B
2*01	/	10.80	2*07	25.20	36.00
2*02	4.20	15.00	2*08	29.40	40.20
2*03	8.40	19.20	2*09	33.60	44.40
2*04	12.60	23.40	2*10	37.80	48.60
2*05	16.80	27.60	2*11	42.00	52.80
2*06	21.00	31.80	2*12	46.20	57.00

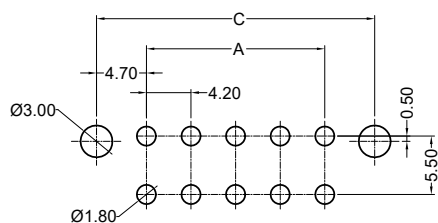
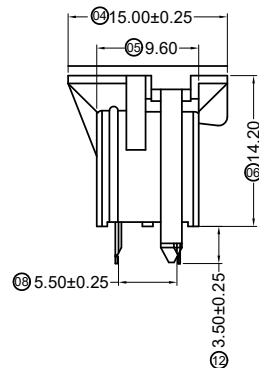
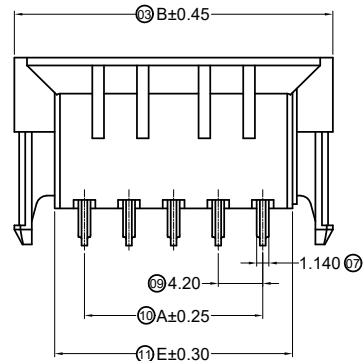
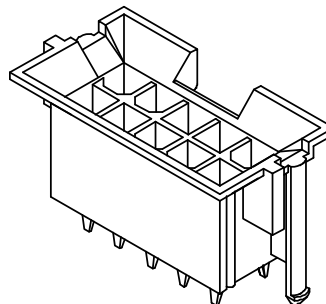
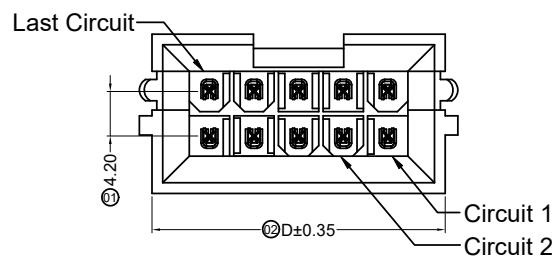
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- ① Series No.
- ② Category: W-wafer
- ③ Connector Type: V-Straight 180°
- ④ Mounting Type: Blank-DIP
- ⑤ Row No.-Pin No.: 2*XX-2*01P~2*12P
- ⑥ Special No.: B-Arrange ushering
- ⑦ Material: N0-PA66 94V-0 ;N2-PA66 94V-2
- ⑧ Plating Code: SN-Bright tin plating ;
- ⑨ Color: Blank-natural color

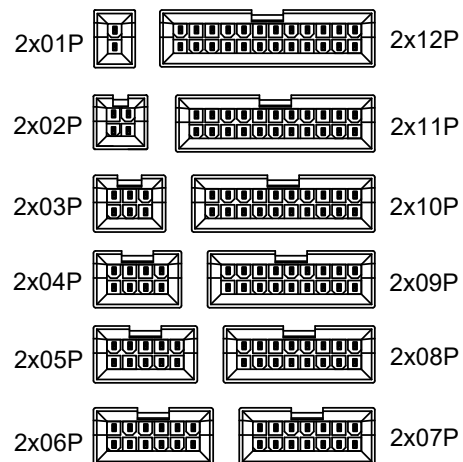


Sketch map of Pin hole

						GENERAL TOLERANCE	Horus Int. Electronics. Co., LTD. HorusTech Electronics. Co., LTD.				PART NO. HRS-9357WV-2*XXB-XXSN				
						.X ±0.30					TITLE				
						.XX ±0.20					2.00mm Crimp Style Connector				
						.XXX ±0.10									
						X." ±2"	APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT 	Robing	Joshua	sylvia	2020/08/07	mm	1 : 1	1/1	A	A-007



Recommended P.C.B Layout
General Tolerance ± 0.05



CIRCUIT SIZE LAYOUT

■ Specifications :

- Voltage rating: 600V AC / DC
- Current rating: 7A AC / DC
- Withstanding voltage: 1500V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance: $\geq 1000\text{M}\Omega$
- Contact resistance: $\leq 10\text{m}\Omega$
- After environmental testing: $\leq 20\text{m}\Omega$

- Material(Pin):Brass
- Mates With HRS Housing:HRS-9357HM-2*XX/
HRS-9357HM-2*XXB

HRS-9357 W V X-2*XX HB-XX SN XX

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① Series No.

② Category: W-wafer

③ Connector type: V- Straight 180°

④ Mounting type: Blank-DIP

⑤ Row No.-Pin No per row: 2*XX-2*02P~2*12P

⑥ Special No.:

HB-The hollow needle with positioning column
arrange ushering;

⑦ Material: N0-PA66 94V-0 ; N2-PA66 94V-2
LP-LCP 94V-0

⑧ Plating code: SN-Bright tin plating :

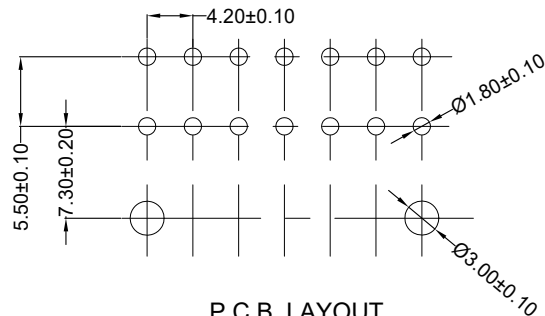
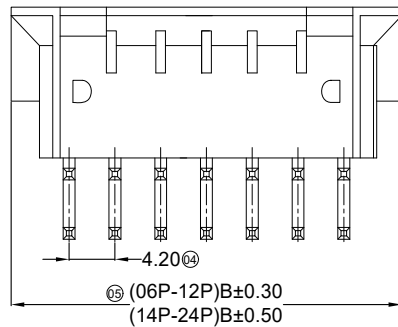
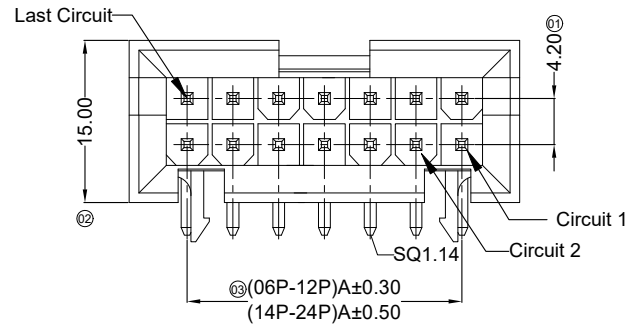
⑨ Color: Blank-natural color

Part No.	Dimensions(mm)				
	A	B	C	D	E
2x02P	4.20	17.40	13.60	15.00	9.80
2x03P	8.40	21.60	17.80	19.20	14.00
2x04P	12.60	25.80	22.00	23.40	18.20
2x05P	16.80	30.00	26.20	27.60	22.40
2x06P	21.00	34.20	30.40	31.80	26.60
2x07P	25.20	38.40	34.60	36.00	30.80
2x08P	29.40	42.60	38.80	40.20	35.00
2x09P	33.60	46.80	43.00	44.40	39.20
2x10P	37.80	51.00	47.20	48.60	43.40
2x11P	42.00	55.20	51.40	52.80	47.60
2x12P	46.20	59.40	55.60	57.00	51.80

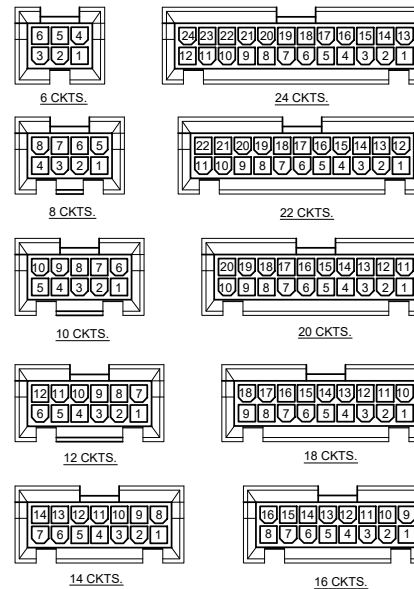
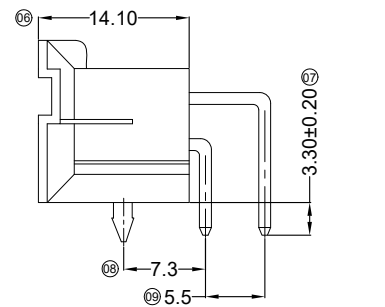
						GENERAL TOLERANCE	Horus Int. Electronics. Co., LTD. Horustech Electronics. Co., LTD.				PART NO. HRS-9357WV-2*XXHB-XXSN				
						.X ±0.30					TITLE 4.20 mm Crimp Style Connectors				
						.XX ±0.20									
						.XXX ±0.10									
2020/03/26	B	EN20200326002	Update Drawing Frame	Zeng	Robing	X.° ±2"	APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
DATE	REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL	PROJECT 	Robing	Zeng	Mandy	2018/09/12	mm	1:1	1/1	B	A-007

RoHS

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



P.C.B LAYOUT



KEY HOLD CIRCUIT SIZE LAYOUT

Specifications :

- Voltage rating: 600V AC / DC
- Current rating: 9A AC / DC
12.5A AC / DC(16 AWG)-High conductive Brass
- Withstanding voltage: 1500V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤10mΩ
- After environmental testing: ≤20mΩ

HRS-9357 W R X-2*XX XX-XX SN XX

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- ① Series No.
- ② Category: W-wafer
- ③ Welding Board Angle: R- Right Angle 90°
- ④ Welding Way: Blank-DIP
- ⑤ Row No.-Pin No.: 2*XX-2*03P~2*12P
- ⑥ Plug the Pin & Special No.:
B-Arrange ushering with positioning column
BH-Arrange ushering with positioning column(High conductive Brass)
- ⑦ Material: N0-PA66 94V-0 ;N2-PA66 94V-2
- ⑧ Planting Category: SN-Bright tin plating ;
- ⑨ Color: Blank-natural color

Poles	Dimensions(mm)	
	A	B
2*03	8.40	19.20
2*04	12.60	23.40
2*05	16.80	27.60
2*06	21.00	31.80
2*07	25.20	36.00
2*08	29.40	40.20
2*09	33.60	44.40
2*10	37.80	48.60
2*11	42.00	52.80
2*12	46.20	57.00

HRS-9357WR-2*XXBX-N0SN	Nylon 66 UL 94V-0	Brass	Tin-Plated	HRS-9357HM-2*XXB HRS-9357HM-2*XX
HRS-9357WR-2*XXBX-N2SN	Nylon 66 UL 94V-2			
PART NO	Material	Material(Pin)	Finish(Pin)	Mates With HRS Housing

DATE		REV	ECN NO	DESCRIPTION	MODIFY	APPROVAL	PROJECT				PART NO.			
2015.12.07		D		Modify TOLERANCE	Wuxiaotao	Jova	GENERAL TOLERANCE				HRS-9357WR-2*XXBX-XXSN			
2015.05.04		C		Modify the drawing frame format	Feng Ping	Bob Sun	.X ±0.30				TITLE			
							.XX ±0.20				4.20mm Crimp Style Connectors			
							.XXX ±0.10				UNIT			
							X° ±2°				SCALE			
							PROJECT				SHEET			
							APPROVAL				REV			
							Kim.Huang				NUMBER			
							Jova				mm			
							Luna				1:1			
							2013/07/30				1/1			
											D			
											A-007			