

RoHS

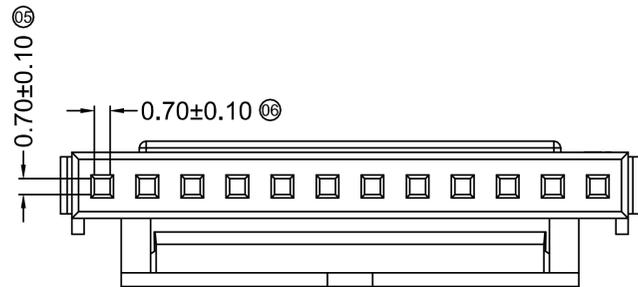
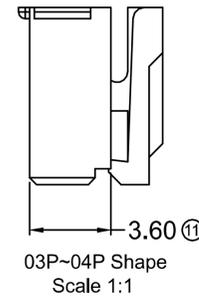
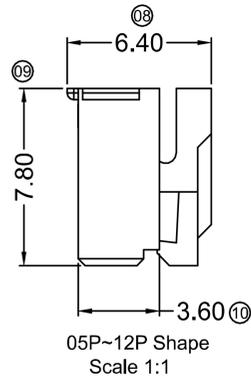
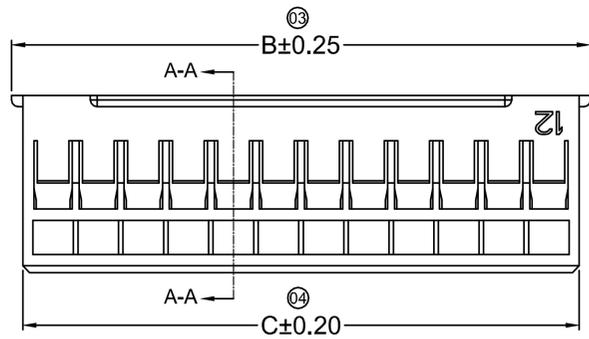
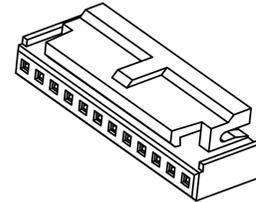
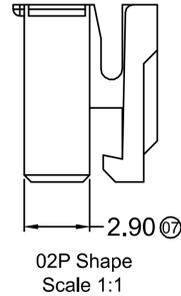
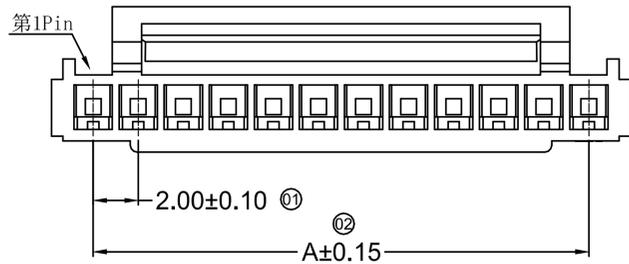
This products can apply to the HRS Doc NO. QA-3-04-005 of Environmental&Material Management Rules

Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤30mΩ
- After environmental testing: ≤40mΩ
- Suitable HRS Terminal: HRS-2011T-A
- Mates With HRS Wafer: HRS-2011W-A

HRS-2011 H X - XX A - N0 XX XX
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- ① Series No.
- ② Category: H-HSG
- ③ Appearance type: Blank-Ordinary
- ④ Row No.-Pin No Per Row: XX-02P~16P
- ⑤ Plug the Pin & Special No.: A-With Lock
- ⑥ Plastic material: N0-PA66 UL 94V-0
- ⑦ Color : Blank-Natural Color
BK-Black
- ⑧ Whether containing halogen:
HF-Halogen free
Blank-Containing halogen

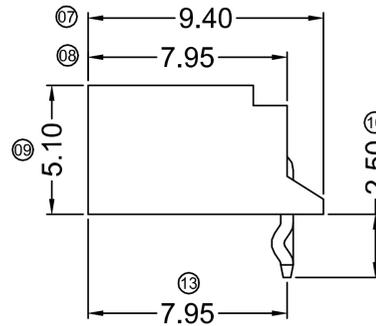
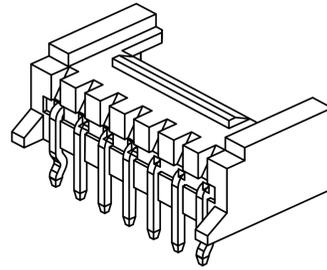
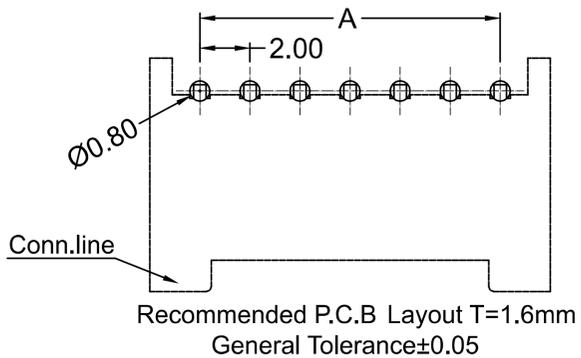
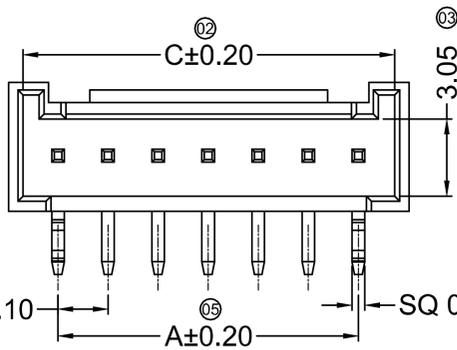
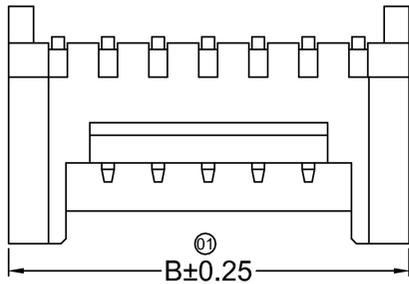


Poles	Dimensions (mm)			Poles	Dimensions (mm)		
	A	B	C		A	B	C
02	2.00	5.70	4.70	09	16.00	19.70	18.70
03	4.00	7.70	6.70	10	18.00	21.70	20.70
04	6.00	9.70	8.70	11	20.00	23.70	22.70
05	8.00	11.70	10.70	12	22.00	25.70	24.70
06	10.00	13.70	12.70	13	24.00	27.70	26.70
07	12.00	15.70	14.70	14	26.00	29.70	28.70
08	14.00	17.70	16.70				

					GENERAL TOLERANCE		Horus Int. Electronics Co., LTD. Horustech Electronics Co., LTD.				PART NO. HRS-2011H-XXA-N0XX				
					.X ±0.30						TITLE 2.00mm Crimp Style Connector				
					.XX ±0.20		APPROVAL		CHECK		DRAWN		DATE		
					.XXX ±0.10		Jack Zhang		Larry Yang		Guo		2021.04.20		
					X." ±2°		PROJECT		UNIT		SCALE		SHEET		
					PROJECT		mm		1:1		1/1		REV		
							NUMBER		C		A-022				
2020.5.07	C	EN20190805002	Update Drawing Frame, The Same ECR And ECN NO.	YYting	Robing										
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



■ Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤30mΩ
- After environmental testing: ≤40mΩ
- Material(Pin): Brass
- Mates With HRS Housing: HRS-2011H

HRS-2011 W R X - XX KA2 - N0 SN XX

① ②③④ ⑤ ⑥ ⑦ ⑧ ⑨

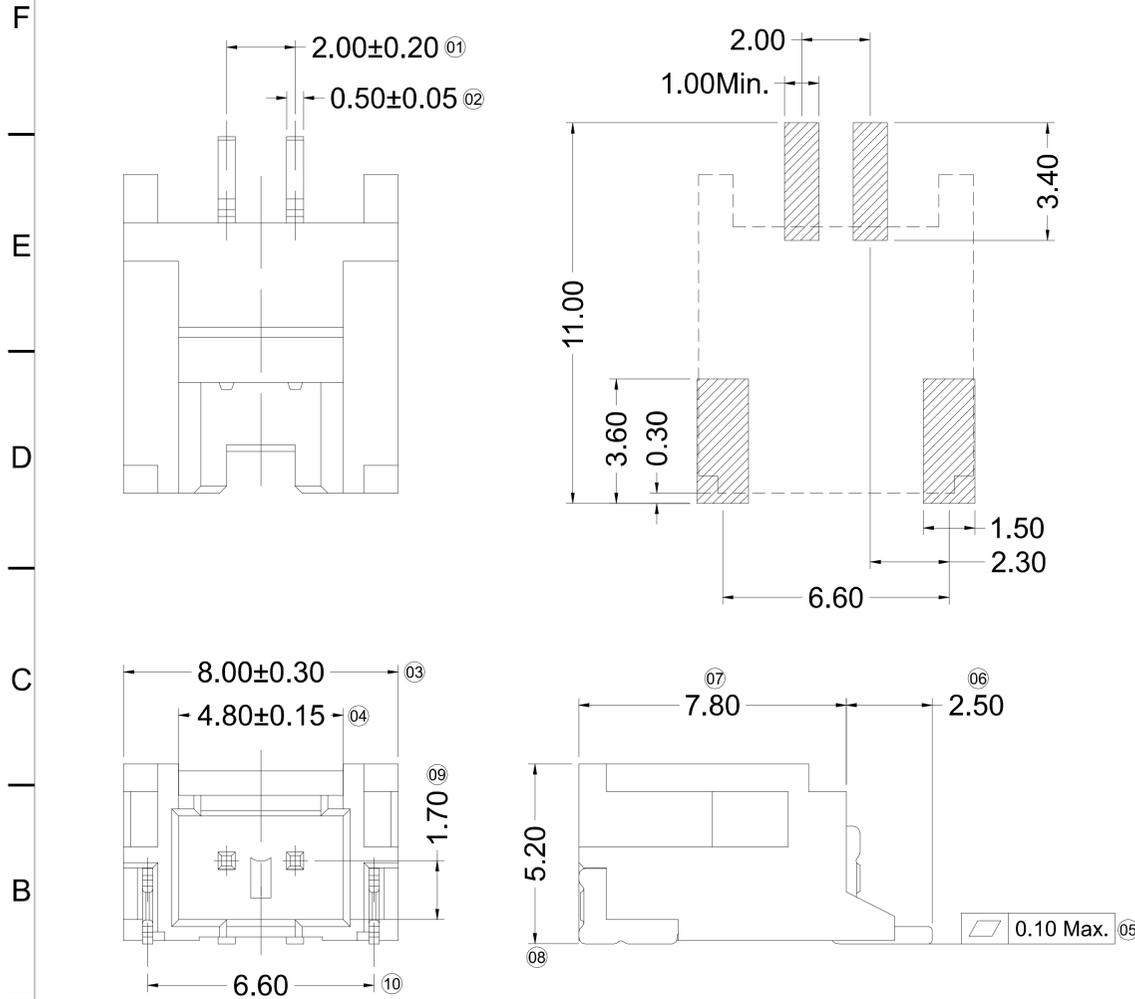
- ① Series No.
- ② Category: W-WAFER
- ③ Connector Type: R-Right Angle 90°
- ④ Welding Way: Blank-DIP
- ⑤ Row No.-Pin No Per Row: XX-02P~16P
- ⑥ Special No.: KA2-With Kink And Link Stopper DIP-2.50mm
- ⑦ Plastic material: N0 -PA66 UL 94V-0
- ⑧ Plating Code: SN-Bright Tin Plating
- ⑨ Color : Blank-Natural Color

Poles	Dimensions (mm)			Poles	Dimensions (mm)		
	A	B	C		A	B	C
02	2.00	6.00	4.85	10	18.00	22.00	20.85
03	4.00	8.00	6.85	11	20.00	24.00	22.85
04	6.00	10.00	8.85	12	22.00	26.00	24.85
05	8.00	12.00	10.85	13	24.00	28.00	26.85
06	10.00	14.00	12.85	14	26.00	30.00	28.85
07	12.00	16.00	14.85	15	28.00	32.00	30.85
08	14.00	18.00	16.85	16	30.00	34.00	32.85
09	16.00	20.00	18.85				

GENERAL TOLERANCE						Horus Int. Electronics Co., LTD. Horus Int. Electronics Co., LTD.				PART NO. HRS-2011WR-07KA2-N0SN										
						.X ±0.30		PROJECT		APPROVAL		CHECK		DRAWN		DATE		TITLE 2.00mm Crimp Style Connectors		
						.XX ±0.20		PROJECT		APPROVAL		CHECK		DRAWN		DATE		TITLE 2.00mm Crimp Style Connectors		
						.XXX ±0.10		PROJECT		APPROVAL		CHECK		DRAWN		DATE		TITLE 2.00mm Crimp Style Connectors		
						X.° ±2°		PROJECT		APPROVAL		CHECK		DRAWN		DATE		TITLE 2.00mm Crimp Style Connectors		
						X.° ±2°		PROJECT		APPROVAL		CHECK		DRAWN		DATE		TITLE 2.00mm Crimp Style Connectors		
						X.° ±2°		PROJECT		APPROVAL		CHECK		DRAWN		DATE		TITLE 2.00mm Crimp Style Connectors		
						X.° ±2°		PROJECT		APPROVAL		CHECK		DRAWN		DATE		TITLE 2.00mm Crimp Style Connectors		
						X.° ±2°		PROJECT		APPROVAL		CHECK		DRAWN		DATE		TITLE 2.00mm Crimp Style Connectors		
						X.° ±2°		PROJECT		APPROVAL		CHECK		DRAWN		DATE		TITLE 2.00mm Crimp Style Connectors		
2020.4.28	C	ER20190430002	Update Drawing Frame	YYting	Robing	PROJECT		PROJECT		Jack Zhang	Larry Yang	Guo	2018/02/25	UNIT	SCALE	SHEET	REV	NUMBER	TITLE 2.00mm Crimp Style Connectors	
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT		PROJECT		Jack Zhang	Larry Yang	Guo	2018/02/25	mm	1:1	1/1	C	A-000	TITLE 2.00mm Crimp Style Connectors	

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: 1000V 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-2011H-XXA

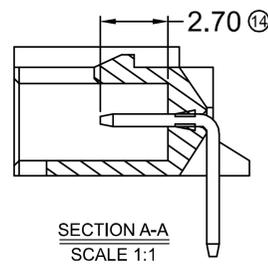
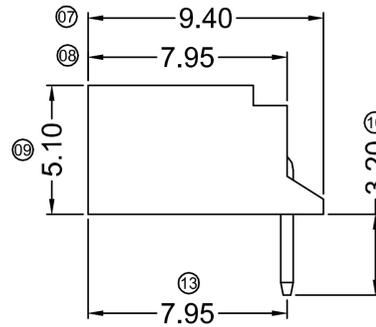
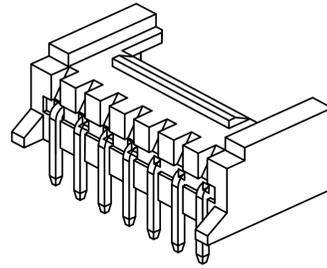
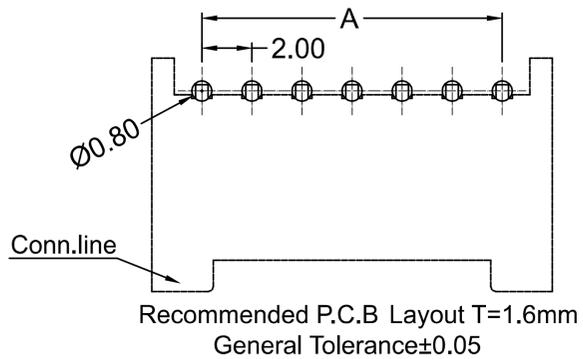
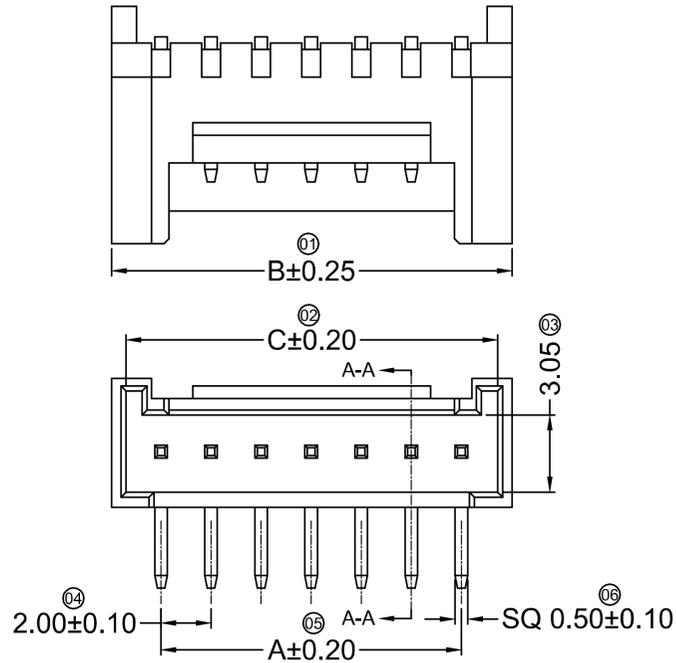
HRS-2011 W R S - 02 A1 - 9T SW XX
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- ① Series No.
- ② Category: W-WAFER
- ③ Connector Type: R-90°
- ④ Mouting Type: S-SMT
- ⑤ Row No.-Pin No Per Row: 02P-Single Row
- ⑥ Plug the Pin & Special No.: A1-All Bags With Buckle
- ⑦ Plastic material: 9T -PA9T 94V-0
- ⑧ Plating Code: HRS-Matte Tin Plating
- ⑨ Color : Blank-Natural Color

					GENERAL TOLERANCE .X ±0.35 .XX ±0.25 .XXX ±0.15 X.° ±2°		Horus Int. Electronics Co., LTD. Horustech Electronics Co., LTD.		PART NO. HRS-2011WRS-02A1-9TSWXX	
					APPROVAL Jack Zhang		CHECK Larry Yang		TITLE 2.00mm Crimp Style Connectors	
					DRAWN Guo		DATE 2019.12.21		UNIT SCALE SHEET REV NUMBER mm 1:1 1/1 A A-010	
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT				
1		2								

RoHS

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



■ Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC=
- Withstanding voltage: 1000V AC/minute=
- Temperature range: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$ =
- Insulation resistance: $\geq 1000\text{M}\Omega$ =
- Contact resistance: $\leq 30\text{m}\Omega$
- After environmental testing: $\leq 40\text{m}\Omega$ =
- Material(Pin): Brass
- Mates With HRS Housing: HRS-2011H-A

HRS-2011 W R X - XX A4 - N0 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.: XX-02P~16P
- ⑥ Special No.:
A4-With Link Stopper DIP-3.20mm
Inside groove 2.70mm
- ⑦ Material: N0 -PA66 UL 94V-0
- ⑧ Plating Category: SN-Bright Tin Plating
- ⑨ Color : Blank-Natural Color

Poles	Dimensions (mm)			Poles	Dimensions (mm)		
	A	B	C		A	B	C
02	2.00	6.00	4.85	10	18.00	22.00	20.85
03	4.00	8.00	6.85	11	20.00	24.00	22.85
04	6.00	10.00	8.85	12	22.00	26.00	24.85
05	8.00	12.00	10.85	13	24.00	28.00	26.85
06	10.00	14.00	12.85	14	26.00	30.00	28.85
07	12.00	16.00	14.85	15	28.00	32.00	30.85
08	14.00	18.00	16.85	16	30.00	34.00	32.85
09	16.00	20.00	18.85				

					<p>GENERAL TOLERANCE</p> <p>.X ± 0.30</p> <p>.XX ± 0.20</p> <p>.XXX ± 0.10</p> <p>X." $\pm 2^{\circ}$</p>				<p>Horus Int. Electronics. Co., LTD.</p> <p>Horustech Electronics. Co., LTD.</p>				<p>PART NO.</p> <p>HRS-2011WR-XXA4-N0SN</p>															
					<p>APPROVAL</p> <p>Jack Zhang</p>				<p>CHECK</p> <p>Larry Yang</p>				<p>DRAWN</p> <p>Guo</p>				<p>DATE</p> <p>2016/10/31</p>											
					<p>PROJECT</p> <p>① ②</p>				<p>UNIT</p> <p>mm</p>				<p>SCALE</p> <p>1:1</p>				<p>SHEET</p> <p>1/1</p>				<p>REV</p> <p>C</p>				<p>NUMBER</p> <p>A-000</p>			
2020.4.28	C	ER20190430002	Update Drawing Frame	YYting	Robing																							
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL																							

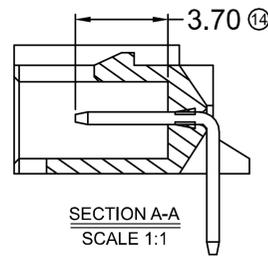
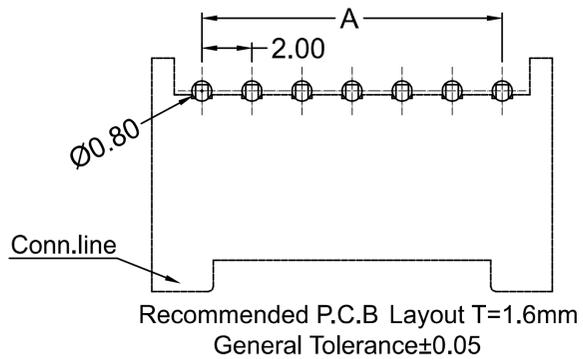
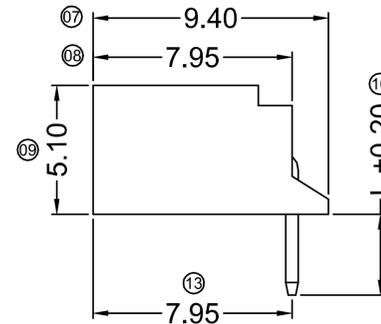
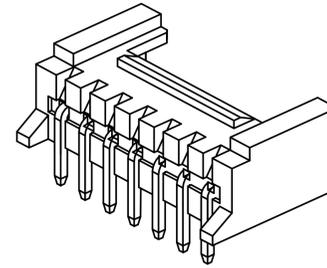
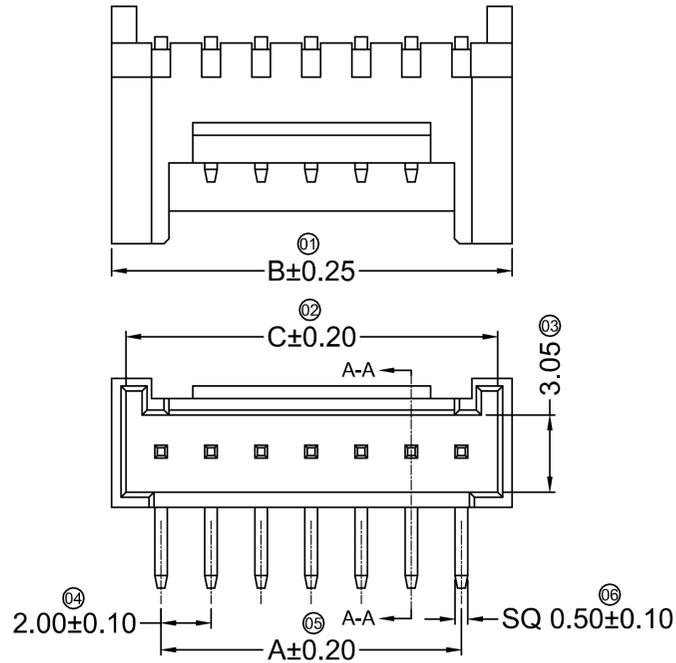
RoHS

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

■ Specifications :

- Voltage rating: 250V AC / DC
 - Current rating: 3A AC / DC=
 - Withstanding voltage: 1000V AC/minute=
 - Temperature range: -40°C~+105°C=
 - Insulation resistance:≥1000MΩ=
 - Contact resistance: ≤30mΩ
 - After environmental testing: ≤40mΩ=
 - Material(Pin): Brass
 - Mates With HRS Housing: HRS-2011H-A
- HRS-2011 W R X - XX A X HF - N0 SN XX
 ① ②③④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- 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.: XX-02P~16P
- ⑥ Special No.:
 - A-With Link Stopper DIP-3.20mm
 - A2-With Link Stopper DIP-2.50mm
 - A3-With Link Stopper DIP-1.50mm
- ⑦ HF-Halogen Free ; Blank-ROHS
- ⑧ Material: N0 -PA66 UL 94V-0
- ⑨ Plating Category: SN-Bright Tin Plating
V01-Gold Flash
- ⑩ Color : Blank-Natural Color
BE-Beige Color

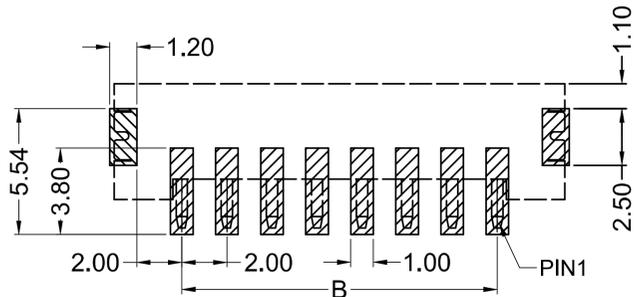
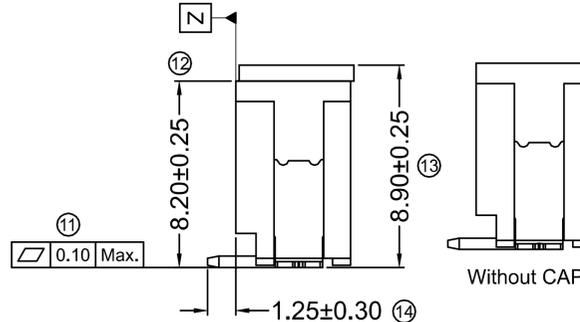
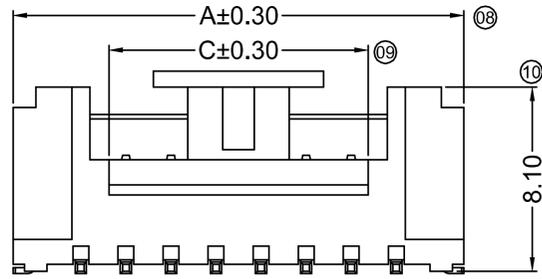
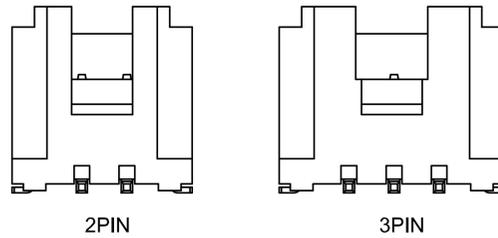
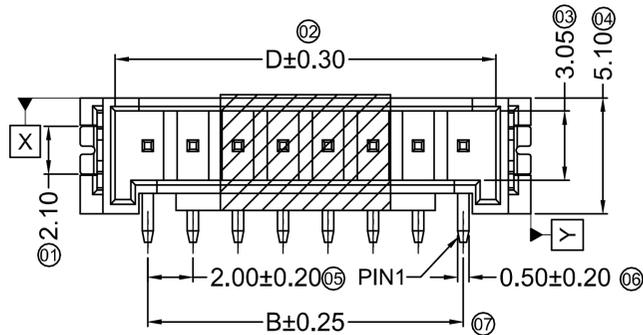


Poles	Dimensions (mm)			Poles	Dimensions (mm)		
	A	B	C		A	B	C
02	2.00	6.00	4.85	10	18.00	22.00	20.85
03	4.00	8.00	6.85	11	20.00	24.00	22.85
04	6.00	10.00	8.85	12	22.00	26.00	24.85
05	8.00	12.00	10.85	13	24.00	28.00	26.85
06	10.00	14.00	12.85	14	26.00	30.00	28.85
07	12.00	16.00	14.85	15	28.00	32.00	30.85
08	14.00	18.00	16.85	16	30.00	34.00	32.85
09	16.00	20.00	18.85				

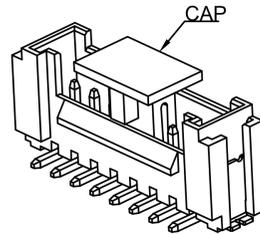
					GENERAL TOLERANCE		Horus Int. Electronics Co., LTD. Horustech Electronics Co., LTD.				PART NO.					
					.X ±0.30						HRS-2011WR-XXAXX-N0XXXX					
					.XX ±0.20						TITLE					
					.XXX ±0.10						2.00mm Crimp Style Connector					
2020.4.28	F	ER20190430002	Update Drawing Frame	YYting	Robing	X.° ±2°		APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT	Jack Zhang	Larry Yang	Guo	2014/08/13	mm	1:1	1/1	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
General Tolerance±0.05



Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC=
- Withstanding voltage: 1000V AC/minute=
- Temperature range: -40°C~+105°C=
- Insulation resistance:≥1000MΩ=
- Contact resistance: ≤30mΩ
- After environmental testing: ≤40mΩ=
- Mates With HRS Housing: HRS-2011H-A

HRS-2011 W V S - XX A - LP XX XX X
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① Series No.
- ② Category: W-WAFER
- ③ Welding Board Angle: V-Straight 180°
- ④ Welding Way: S-SMT
- ⑤ Row No.-Pin No.: XX-02P~16P
- ⑥ Plug the Pin & Special No.: A-With Located Block
- ⑦ Material: LP -LCP UL 94V-0
- ⑧ Plating Category:
SN-Bright Tin 100u"Min.;Ni 30u"Min.
V01-Gold Flash;Ni 30u"Min.
V30-All area gold 30u"Min.;Ni 30u"Min.
- ⑨ Color : Blank-Natural Color
- ⑩ Package: Blank-Nature Reel C-Black Reel / ESD R-Reel /Without CAP/ Robotic arm grab product

Poles	Dimensions (mm)				Poles	Dimensions (mm)			
	A	B	C	D		A	B	C	D
02	8.00	2.00	2.70	4.90	10	24.00	18.00	15.50	20.90
03	10.00	4.00	2.70	6.90	11	26.00	20.00	15.50	22.90
04	12.00	6.00	3.50	8.90	12	28.00	22.00	15.50	24.90
05	14.00	8.00	5.50	10.90					
06	16.00	10.00	7.50	12.90					
07	18.00	12.00	9.50	14.90					
08	20.00	14.00	11.50	16.90					
09	22.00	16.00	13.50	18.90					

DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT	APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER	
2022/09/30	E1	/	Add Reel /Without CAP/ Robotic arm grab product specification	Alan qin	Robing	GENERAL TOLERANCE .X ±0.30 .XX ±0.20 .XXX ±0.10 X." ±2°	Jack Zhang	Larry Yang	Guo	2017/09/27	mm	1:1	1/1	E1	A-253	
2019/07/15	E	EN20210506001	1.Add Gold 30u" P/N 2.Change Sn from 80u" to 100u"	Mali	Robing	PROJECT										

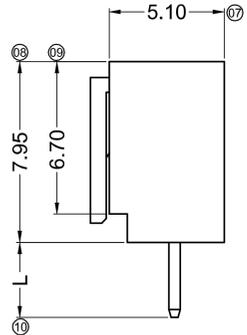
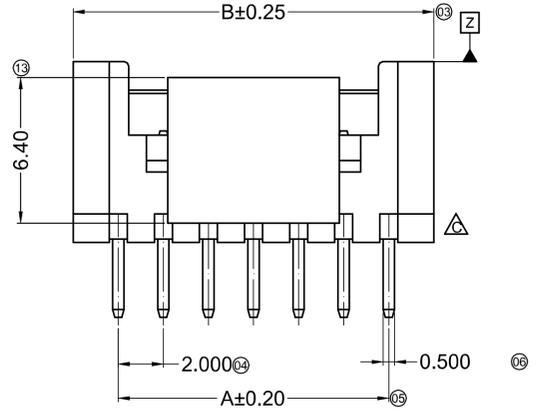
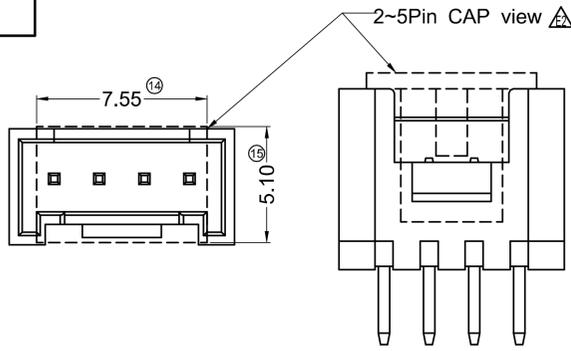
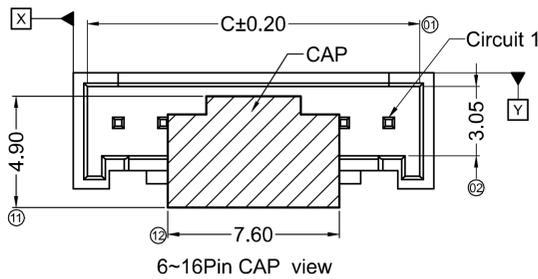
Horus Int. Electronics. Co., LTD.
Horustech Electronics. Co., LTD.

PART NO.
HRS-2011WVS-XXA-LPXXXXX

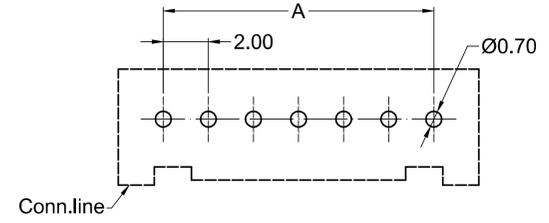
TITLE
2.00mm Crimp Style Connectors

RoHS

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



A	L=3.30mm
A1	L=2.60mm
A2	L=1.80mm
A3	L=1.35mm



Recommended P.C.B Layout
General Tolerance±0.05

■ Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 100V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤30mΩ
- After environmental testing: ≤40mΩ
- Pin Material :Brass
- CAP Material :02-05PIN LCP Natural Color
06-16PIN PA4T Black Color
- Mates With HRS Housing:HRS-2011H-A
HRS-2011 W V X-XX AX XX-XX XX XX X
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪

- ① Series No.
- ② Category: W-WAFER
- ③ Connector Type: V-Straight 180°
- ④ Mounting Type: Blank-DIP
- ⑤ Row No.-Pin No.: XX-02P~16P
- ⑥ Special No.:
A-Without Baffle DIP=3.30mm
A1-Without Baffle DIP=2.60mm
A2-Without Baffle DIP=1.80mm
A3-Without Baffle DIP=1.35mm
- ⑦ HF-Halogen Free ; Blank-ROHS
- ⑧ Material: N0-PA66 UL 94V-0 LP-LCP UL 94V-0
⑨ Plating Code: SN-Bright Tin 100uMin.;Ni 50-100u"
V01-Gold Flash;Ni 50-100u"
V05-Gold-Plating 5u"Min.;Ni 50-100u"
V30-Gold-Plating 30u"Min.;Ni 50-100u"
- ⑩ Color : Blank-Natural Color BE-Beige Color
- ⑪ Package: Blank-Bag / Without CAP
R-Reel / Without CAP C-Reel / With CAP

Poles	Dimensions (mm)			Poles	Dimensions (mm)		
	A	B	C		A	B	C
02	2.00	6.00	4.85	10	18.00	22.00	20.85
03	4.00	8.00	6.85	11	20.00	24.00	22.85
04	6.00	10.00	8.85	12	22.00	26.00	24.85
05	8.00	12.00	10.85	13	24.00	28.00	26.85
06	10.00	14.00	12.85	14	26.00	30.00	28.85
07	12.00	16.00	14.85	15	28.00	32.00	30.85
08	14.00	18.00	16.85	16	30.00	34.00	32.85
09	16.00	20.00	18.85				

2023/07/06	E5	EN20230706003	Changing plating specifications: Nickel base is controlled by 50-100u"	Sunny Huang	Larry Yang	GENERAL TOLERANCE .X ±0.30 .XX ±0.20 .XXX ±0.10 X.° ±2° PROJECT 	 Horustech Electronics. Co., LTD.	PART NO. HRS-2011WV-XXAXXX-XXXXXXX						
2023/06/28	E4		Added CAP color description	Sunny Huang	Larry Yang			TITLE 2.00mm Crimp Style Connectors						
2023/03/03	E3		Added DIP=1.35mm P/N	Sunny Huang	Larry Yang			APPROVAL	CHECK	DRAWN	DATE	UNIT SCALE SHEET REV NUMBER		
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL			Jack Zhang	Larry Yang	Guo	2016/11/11	mm	1:1	1/1