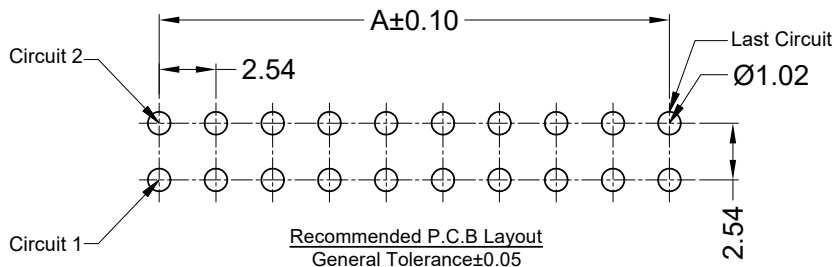
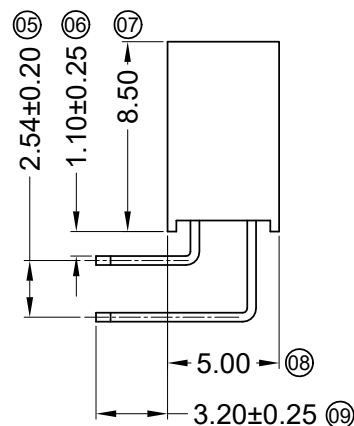
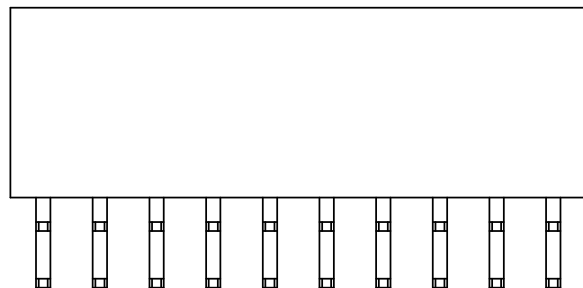
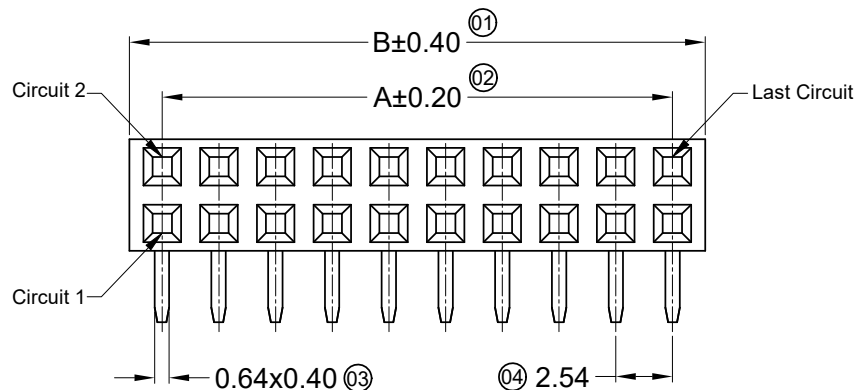


						GENERAL TOLERANCE	 Horus Int. Electronics. Co., LTD. Horus Int. Electronics. Co., LTD.				PART NO. HRS-6501FV-2*XXA-XXV01-01				
						.X ±0.30					TITLE 2.54 mm Female Header Connector				
						.XX ±0.20									
						.XXX ±0.10									
2020/03/16	B	EN20200316005	Update Drawing Frame	Mandy	Robing	X.* ±2"	APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL		Smrk	Guo	sylvia	2019/07/02	mm	1 : 1	1/1	B	A-213

						GENERAL TOLERANCE	Horus Int. Electronics. Co., LTD. Horus Int. Electronics. Co., LTD.				PART NO. HRS-6501FV-2*XXB-6TV01									
						.X ±0.30					APPROVAL CHECK DRAWN DATE					TITLE				
						.XX ±0.20										2.54 mm Female Header Connector				
						.XXX ±0.10														
2020/03/16	B	EN20200316005	Update Drawing Frame	Mandy	Robing	X.° ±2°														
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT 	Robing	Jova	Wuxiaotao	2016/04/05	UNIT	SCALE	SHEET	REV	NUMBER					
											mm	1 : 1	1/1	B	A-213					

RoHS

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



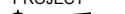
Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 800V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance: $\geq 1000M\Omega$
- Contact resistance: $\leq 20m\Omega$
- After environmental testing: $\leq 30m\Omega$
- Material(Pin): Brass
- Mates With HRS Pin Header: HRS-6501W

HRS-6501 F R X -2*XX A - 6T V0 XX
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- ① Series No.
- ② Category: F-Female
- ③ Connector Type: R- 90°
- ④ Mounting Type: Blank-DIP
- ⑤ Row No.-Pin No Per Row: 2*XX-Double Row
- ⑥ Special No.: A-H=8.50mm
- ⑦ Material: 6T-PA6T 94V-0
- ⑧ Plating Code: V01-Gold Flash
- ⑨ Color: Blank-Black Color

Poles	Dimensions(mm)		Poles	Dimensions(mm)	
	A	B		A	B
2*02	2.54	5.48	2*14	33.02	35.96
2*03	5.08	8.02	2*15	35.56	38.50
2*04	7.62	10.56	2*16	38.10	41.04
2*05	10.16	13.10	2*17	40.64	43.58
2*06	12.70	15.64	2*18	43.18	46.12
2*07	15.24	18.18	2*19	45.72	48.66
2*08	17.78	20.72	2*20	48.26	51.20
2*09	20.32	23.26	2*21	50.80	53.74
2*10	22.86	25.80	2*22	53.34	56.28
2*11	25.40	28.34	2*23	55.88	58.82
2*12	27.94	30.88	2*24	58.42	61.36
2*13	30.48	33.42	2*25	60.96	63.90

A							GENERAL TOLERANCE				 Horus Int. Electronics. Co., LTD. Horus Int. Electronics. Co., LTD.				PART NO. HRS-6501FR-2*XXA-6TV01					
							.X ±0.30								TITLE 2.54 mm Female Header Connector					
							.XX ±0.20													
							.XXX ±0.10													
								X.° ±2°				APPROVAL		CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV
	2020/03/16	B	EN20200316005	Update Drawing Frame	Mandy	Robing	PROJECT 				Robing		Alan qin	Mandy	2019/07/19	mm	1 : 1	1/1	B	A-213
	DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL														

RoHS

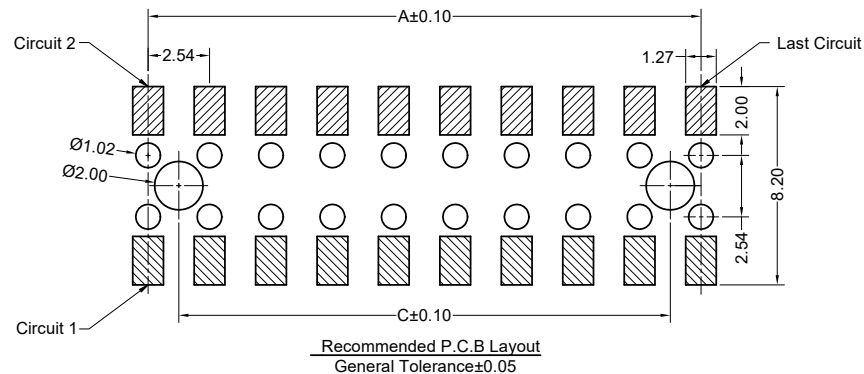
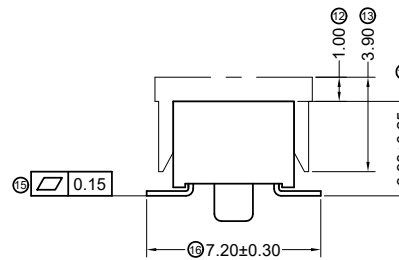
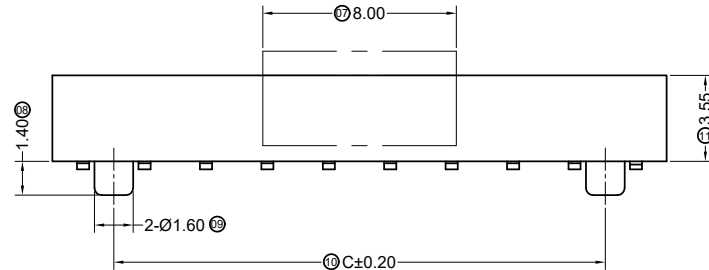
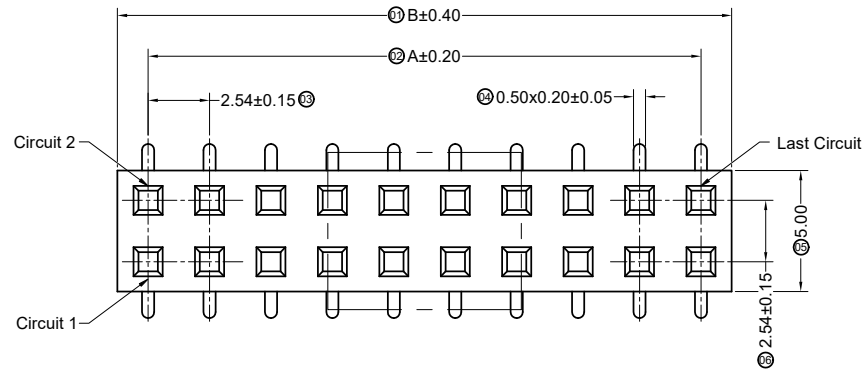
This products can apply to the HRS Doc NO. QA-3-04-005
of Environmental&Material Management Rules

Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 800V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance: $\geq 1000M\Omega$
- Contact resistance: $\leq 20m\Omega$
- After environmental testing: $\leq 30m\Omega$
- Material(Pin): Phosphor bronze
- Mates With HRS Pin Header: HRS-6501WX

HRS-6501 F V S-2*XX P-XX V 01 XX C -03
① ②③④ ⑤ ⑥ ⑦ ⑧⑨ ⑩ ⑪

- ① Series No.
② Category: F-Female Header Connector
③ Connector Type: V- Straight 180°
④ Mounting Type: S-SMT
⑤ Row No.-Pin No.: 2*XX-2*02P~2*40P
⑥ Plug the Pin & Special No.: P-With Peg
⑦ Material: 6T-PA6T 94V-0 ;9T-PA9T 94V-0
⑧ Plating Code: V01-Gold Flash
⑨ Color: Blank-Black Color
⑩ Packing: C- Reel With Cap
⑪ 03-3.55/7.20

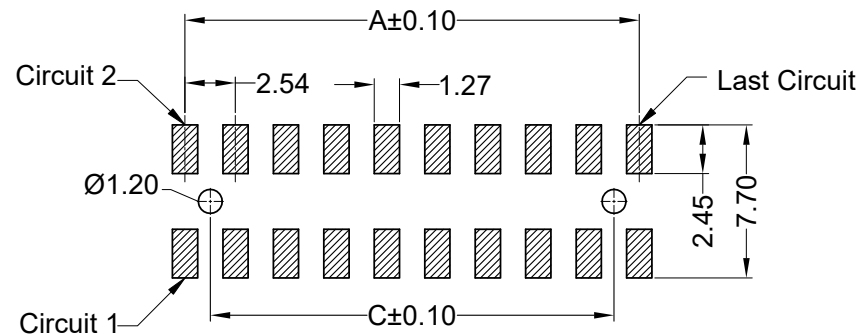
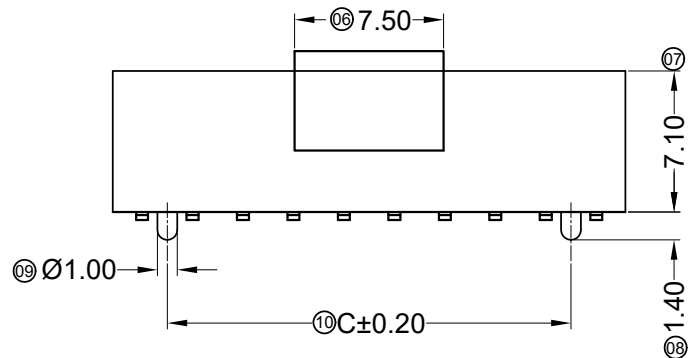
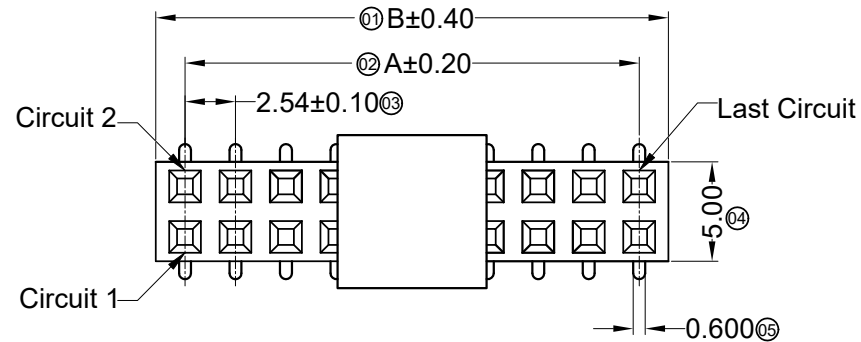


Poles	Dimensions (mm)			Poles	Dimensions (mm)			Poles	Dimensions (mm)		
	A	B	C		A	B	C		A	B	C
2*02	2.54	5.08		2*15	35.56	38.10	33.02	2*28	68.58	71.12	66.04
2*03	5.08	7.62	2.54	2*16	38.10	40.64	35.56	2*29	71.12	73.66	68.58
2*04	7.62	10.16	5.08	2*17	40.64	43.18	38.10	2*30	73.66	76.20	71.12
2*05	10.16	12.70	7.62	2*18	43.18	45.72	40.64	2*31	76.20	78.74	73.66
2*06	12.70	15.24	10.16	2*19	45.72	48.26	43.18	2*32	78.74	81.28	76.20
2*07	15.24	17.78	12.70	2*20	48.26	50.80	45.72	2*33	81.28	83.82	78.74
2*08	17.78	20.32	15.24	2*21	50.80	53.34	48.26	2*34	83.82	86.36	81.28
2*09	20.32	22.86	17.78	2*22	53.34	55.88	50.80	2*35	86.36	88.90	83.82
2*10	22.86	25.40	20.32	2*23	55.88	58.42	53.34	2*36	88.90	91.44	86.36
2*11	25.40	27.94	22.86	2*24	58.42	60.96	55.88	2*37	91.44	93.98	88.90
2*12	27.94	30.48	25.40	2*25	60.96	63.50	58.42	2*38	93.98	96.52	91.44
2*13	30.48	33.02	27.94	2*26	63.50	66.04	60.96	2*39	96.52	99.06	93.98
2*14	33.02	35.56	30.48	2*27	66.04	68.58	63.50	2*40	99.06	101.60	96.52

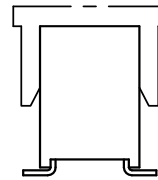
						GENERAL TOLERANCE	 Horus Int. Electronics. Co., LTD. Horustech Electronics. Co., LTD.	PART NO. HRS-6501FVS-2*XXP-XXV01C-03								
						.X ±0.30		TITLE								
						.XX ±0.20		2.54 mm Female Header Connectors								
						.XXX ±0.10		APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
						/	Robing					Alan Qin	Mandy	2020/03/16	mm	1:1
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL											

RoHS

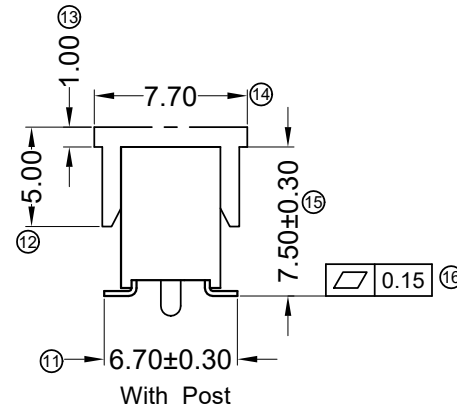
This products can apply to the HRS Doc NO. QA-3-04-005
of Environmental&Material Management Rules



Recommended P.C.B Layout
General Tolerance±0.05



Without Post



With Post

Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 800V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤20mΩ
- After environmental testing: ≤30mΩ
- Material(Pin):Phosphor bronze
- Mates With HRS Pin Header:HRS-6501WX

HRS-6501 F V S-2*XX X-6T V01 XX

① ②③④ ⑤ ⑥ ⑦ ⑧ ⑨

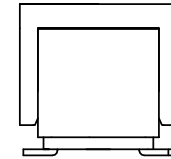
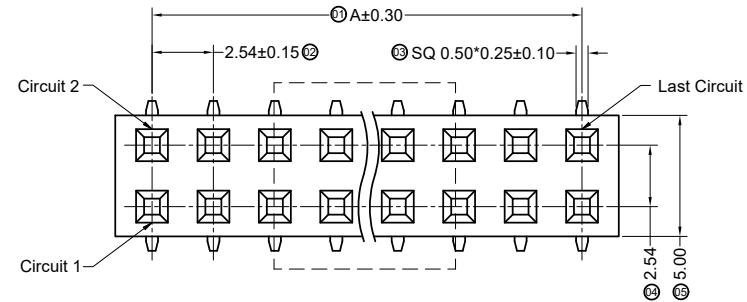
- ① Series No.
② Category: F-Female Header Connector
③ Connector Type: V- Straight 180°
④ Mounting Type: S-SMT
⑤ Row No.-Pin No Per Row: 2*XX-2*02P~2*40P
⑥ Plug the Pin & Special No.: S-With Post
Blank-Without Post
⑦ Material: 6T-PA6T 94V-0
⑧ Plating Code: V01- Gold Flash
⑨ Color: Blank-Black color

Poles	Dimensions (mm)			Poles	Dimensions (mm)			Poles	Dimensions (mm)		
	A	B	C		A	B	C		A	B	C
2*02	2.54	5.48		2*15	35.56	38.50	33.02	2*28	68.58	71.52	66.04
2*03	5.08	8.02	2.54	2*16	38.10	41.04	35.56	2*29	71.12	74.06	68.58
2*04	7.62	10.56	5.08	2*17	40.64	43.58	38.10	2*30	73.66	76.60	71.12
2*05	10.16	13.10	7.62	2*18	43.18	46.12	40.64	2*31	76.20	79.14	73.66
2*06	12.70	15.64	10.16	2*19	45.72	48.66	43.18	2*32	78.74	81.68	76.20
2*07	15.24	18.18	12.70	2*20	48.26	51.20	45.72	2*33	81.28	84.22	78.74
2*08	17.78	20.72	15.24	2*21	50.80	53.74	48.26	2*34	83.82	86.76	81.28
2*09	20.32	23.26	17.78	2*22	53.34	56.28	50.80	2*35	86.36	89.30	83.82
2*10	22.86	25.80	20.32	2*23	55.88	58.82	53.34	2*36	88.90	91.84	86.36
2*11	25.40	28.34	22.86	2*24	58.42	61.36	55.88	2*37	91.44	94.38	88.90
2*12	27.94	30.88	25.40	2*25	60.96	63.90	58.42	2*38	93.98	96.92	91.44
2*13	30.48	33.42	27.94	2*26	63.50	66.44	60.96	2*39	96.52	99.46	93.98
2*14	33.02	35.96	30.48	2*27	66.04	68.98	63.50	2*40	99.06	102.00	96.52

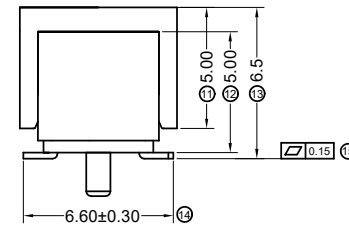
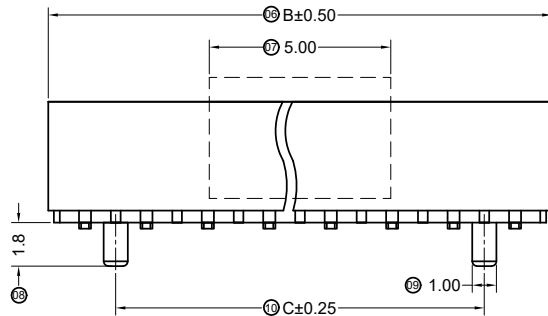
						GENERAL TOLERANCE	Horus Int. Electronics. Co., LTD. Horustech Electronics. Co., LTD.				PART NO. HRS-6501FVS-2*XXX-6TV01				
						.X ±0.30					TITLE 2.54 mm Female Header Connectors				
						.XX ±0.20									
						.XXX ±0.10	APPROVAL	CHECK	DRAWN	DATE					
2020/03/09	B	ER20200309001	Change the cover of the product	Mandy	Robing	/									
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT 	Robing	Alan qin	Yu wei	2017/09/18	UNIT mm	SCALE 1:1	SHEET 1/1	REV B	NUMBER A-013

RoHS

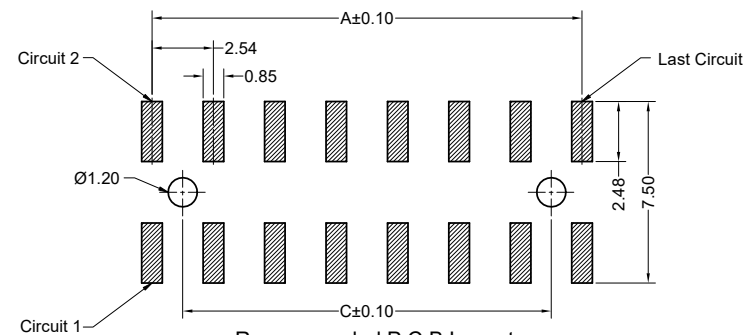
This products can apply to the HRS Doc NO. QA-3-04-005
of Environmental&Material Management Rules



Without Post



With Post



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: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$
- Insulation resistance: $\geq 1000\text{M}\Omega$
- Contact resistance: $\leq 20\text{m}\Omega$
- After environmental testing: $\leq 30\text{m}\Omega$
- Material(Pin): Phosphor bronze
- Mates With HRS Pin Header: HRS-6501WX

HRS-6501 F V S - 2*XX X - 6T V01 XX-01
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- ① Series No.
② Category: F-Female Header Connector
③ Connector Type: V- Straight 180°
④ Mounting Type: S-SMT
⑤ Row No.-Pin No Per Row: 2*XX-2*02P~2*40P
⑥ Plug the Pin & Special No.: S-With Post
Blank-Without Post
⑦ Material: 6T-PA6T 94V-0
⑧ Plating Code: V01-Gold Flash
⑨ Color: Blank-Black Color
01-5.00/6.60

Poles	Dimensions (mm)			Poles	Dimensions (mm)			Poles	Dimensions (mm)		
	A	B	C		A	B	C		A	B	C
2*02	2.54	5.58		2*15	35.56	38.60	33.02	2*28	68.58	71.62	66.04
2*03	5.08	8.12	2.54	2*16	38.10	41.14	35.56	2*29	71.12	74.16	68.58
2*04	7.62	10.66	5.08	2*17	40.64	43.68	38.10	2*30	73.66	76.70	71.12
2*05	10.16	13.20	7.62	2*18	43.18	46.22	40.64	2*31	76.20	79.24	73.66
2*06	12.70	15.74	10.16	2*19	45.72	48.76	43.18	2*32	78.74	81.78	76.20
2*07	15.24	18.28	12.70	2*20	48.26	51.30	45.72	2*33	81.28	84.32	78.74
2*08	17.78	20.82	15.24	2*21	50.80	53.84	48.26	2*34	83.82	86.86	81.28
2*09	20.32	23.36	17.78	2*22	53.34	56.38	50.80	2*35	86.36	89.40	83.82
2*10	22.86	25.90	20.32	2*23	55.88	58.92	53.34	2*36	88.90	91.94	86.36
2*11	25.40	28.44	22.86	2*24	58.42	61.46	55.88	2*37	91.44	94.48	88.90
2*12	27.94	30.98	25.40	2*25	60.96	64.00	58.42	2*38	93.98	97.02	91.44
2*13	30.48	33.52	27.94	2*26	63.50	66.54	60.96	2*39	96.52	99.56	93.98
2*14	33.02	36.06	30.48	2*27	66.04	69.08	63.50	2*40	99.06	102.10	96.52

GENERAL TOLERANCE

.X ± 0.30 .XX ± 0.20 .XXX ± 0.10

/

PROJECT

PROJECT



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

PART NO.

HRS-6501FVS-2*XXX-6TV01-01

TITLE

2.54 mm Female Header Connectors

UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	A	A-195

DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL
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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: $\geq 1000M\Omega$
- Contact resistance: $\leq 20m\Omega$
- After environmental testing: $\leq 30m\Omega$
- Material(Pin): phosphor Bronze
- Mates With HRS Wafer: HRS-6501WX

HRS-6501 F V S - XX D - 6T V01 XX

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① Series No.

② Category: F-Female Header Connector

③ Connector Type: V- Straight 180°

④ Mounting type: S-SMT

⑤ Row No.-Pin No Per Row: XX-Single row

⑥ Special No.: D-3.55/4.60

⑦ Material: 6T-PA6T 94V-0

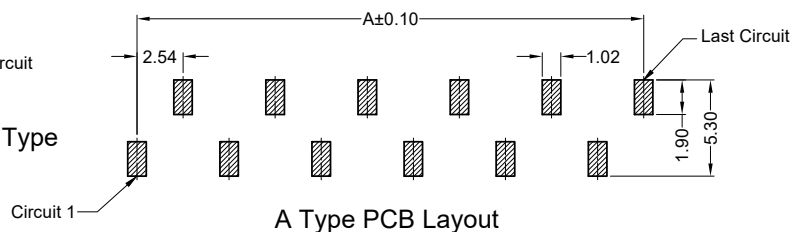
⑧ Plating Category: V01-Gold Flash ;
Ni: 50u" Over

⑨ Color: BK-Black Color

Poles	Dimensions (mm)		Poles	Dimensions (mm)		Poles	Dimensions (mm)	
	A	B		A	B		A	B
01	--	2.54	15	35.56	38.10	29	71.12	73.66
02	2.54	5.08	16	38.10	40.64	30	73.66	76.20
03	5.08	7.62	17	40.64	43.18	31	76.20	78.74
04	7.62	10.16	18	43.18	45.72	32	78.74	81.28
05	10.16	12.70	19	45.72	48.26	33	81.28	83.82
06	12.70	15.24	20	48.26	50.80	34	83.82	86.36
07	15.24	17.78	21	50.80	53.34	35	86.36	88.90
08	17.78	20.32	22	53.34	55.88	36	88.90	91.44
09	20.32	22.86	23	55.88	58.42	37	91.44	93.98
10	22.86	25.40	24	58.42	60.96	38	93.98	96.52
11	25.40	27.94	25	60.96	63.50	39	96.52	99.06
12	27.94	30.48	26	63.50	66.04	40	99.06	101.60
13	30.48	33.02	27	66.04	68.58			
14	33.02	35.56	28	68.58	71.12			

Recommended P.C.B Layout
General Tolerance ± 0.05

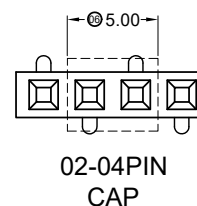
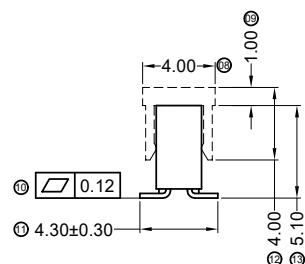
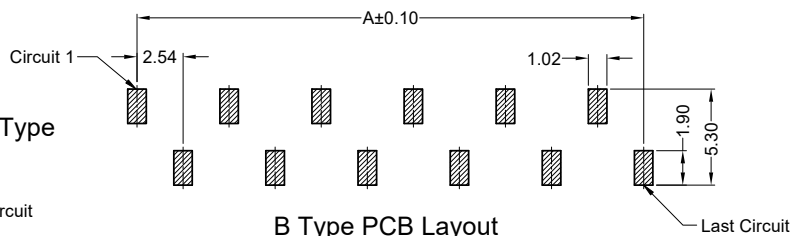
				GENERAL TOLERANCE		 Horus Int. Electronics. Co., LTD. Horustech Electronics. Co., LTD.				PART NO. HRS-6501FVS-XXD-6TV01				
				.X	± 0.35					TITLE 2.54mm SMT Female Header Connectors				
				.XX	± 0.25	APPROVAL				UNIT				
				.XXX	± 0.15	CHECK				SCALE				
				X.°	$\pm 2^\circ$	DRAWN				SHEET				
				PROJECT		DATE				REV				
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	Robing	Joshua	Savvy	2017/07/10	mm	1:1	1/1	A	A-213



- Voltage rating: 250V AC / DC
- Current rating: 3A AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance: $\geq 1000\text{M}\Omega$
- Contact resistance: $\leq 20\text{m}\Omega$
- After environmental testing: $\leq 30\text{m}\Omega$
- Material(Pin):Phosphor Bronze
- Mates With HRS Or Pin Header:HRS-6501WX

HRS-6501 F V S- XX XX- 6T V0 XX C
 (1) (2) (3) (4) (5) (6) (7) (8) (9) (10)

- ① Series No.
- ② Category: F-Female Header Connector
- ③ Connector Type: V- Straight 180°
- ④ Mounting Type: S-SMT
- ⑤ Row No.-Pin No Per Row: XX-Single Row
- ⑥ Plug the Pin & Special No.: A-A type; B-B type
- ⑦ Material: 6T-PA6T 94V-0
- ⑧ Plating Code: V01-Gold Flash
- ⑨ Color: Blank-Black color
- ⑩ Packing : C-Reel with Cap



Poles	Dimensions (mm)		Poles	Dimensions (mm)	
	A	B		A	B
02	2.54	5.48	16	38.10	41.04
03	5.08	8.02	17	40.64	43.58
04	7.62	10.56	18	43.18	46.12
05	10.16	13.10	19	45.72	48.66
06	12.70	15.64	20	48.26	51.20
07	15.24	18.18	21	50.80	53.74
08	17.78	20.72	22	53.34	56.28
09	20.32	23.26	23	55.88	58.82
10	22.86	25.80	24	58.42	61.36
11	25.40	28.34	25	60.96	63.90
12	27.94	30.88	26	63.50	66.44
13	30.48	33.42	27	66.04	68.98
14	33.02	35.96	28	68.58	71.52
15	35.56	38.50	29	71.12	74.06

						GENERAL TOLERANCE	Horus Int. Electronics. Co., LTD. Horustech Electronics. Co., LTD.				PART NO. HRS-6501FVS-XXA-6TV01C HRS-6501FVS-XXB-6TV01C								
						.X ±0.30													
2020/03/16	F	EN20170513002	Update Drawing Frame, The Same ECR And ECN No	Mandy	Robing	.XX ±0.20													
						.XXX ±0.10													
2017/05/13	E	EN20170513002	Increase CAP	Wei yu	Jacky	X.* ±2"	APPROVAL	CHECK	DRAWN	DATE									
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT 	Robing	Joshua	sylvia	2014/10/29	UNIT	SCALE	SHEET	REV	NUMBER				
											mm	1 : 1	1/1	F	A-213				