

RoHS

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

■ Specifications :

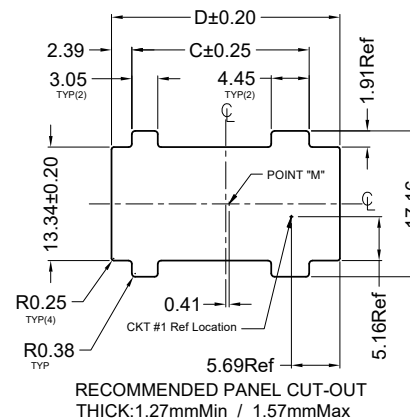
- Voltage rating: 250V AC / DC
- Current rating: 5A Max AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance: $\geq 1000M\Omega$
- Contact resistance: $\leq 10m\Omega$
- After environmental testing: $\leq 20m\Omega$
- Suitable HRS Terminal: HRS-3025TM
- Female With HRS Mate HSG:
HRS-3025HM

HRS-3025 H F - 2xXX - N0 B B R 01 F
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① Series No.
② Category: H-HSG
③ Connector Type: F-Female HSG
④ Row No.-Pin No.: 2xXX-Double Row
⑤ Material: N0-PA66 94V-0
⑥ Color: B- Black
⑦ Packing: B-Bag
⑧ RoHS/HF: R-Rohs
⑨ Sequence Number: 01
⑩ Special code: F-Other Connectors

Poles	Dimensions(mm)				Poles	Dimensions(mm)			
	A	B	C	D		A	B	C	D
2*01					2*07	35.3	18.00	29.85	35.85
2*02	20.3	3.00	14.85	20.85	2*08	38.3	21.00	32.85	38.85
2*03	23.3	6.00	17.85	23.85	2*09	41.3	24.00	35.85	41.85
2*04	26.3	9.00	20.85	26.85	2*10	44.3	27.00	38.85	44.85
2*05	29.3	12.00	23.85	29.85	2*11	47.3	30.00	41.85	47.85
2*06	32.3	15.00	26.85	32.85	2*12	50.3	33.00	44.85	50.85

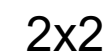
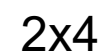
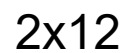
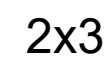
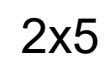
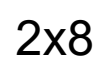
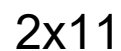
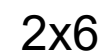
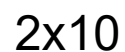
When mating with HRS-3025HF series, Point "M" must align with the panel cut-out
centerlines defined by HRS drawing HRS-3025HF-2xXX-N0BBR01F



RECOMMENDED PANEL CUT-OUT
THICK: 1.27mm Min / 1.57mm Max

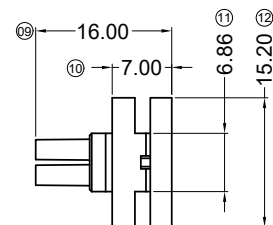
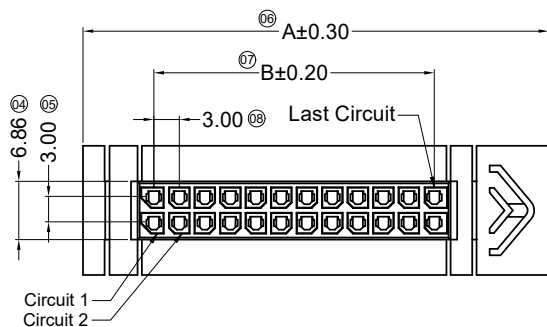
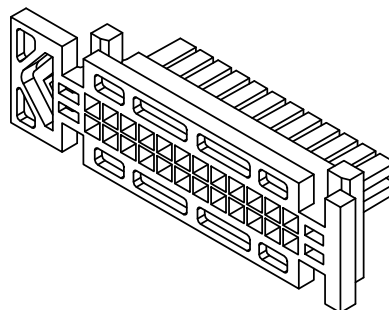
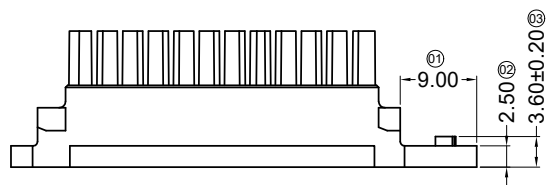
When mating with HRS-3025HF series, Point "M" must align with the panel cut-out
centerlines defined by HRS drawing HRS-3025HF-2xXX-N0BBR01F

						GENERAL TOLERANCE				PART NO.			
						.X ±0.30				HRS-3025HF-2xXX-N0BBR01F			
						.XX ±0.20				TITLE			
						.XXX ±0.10				MICRO FIT 3.0mm DUAL ROW FEMALE HOUSING			
						X.° ±2°				UNIT			
						PROJECT				SCALE			
						APPROVAL				SHEET			
						Roving				REV			
						Smark				NUMBER			
						W.H.L				A-000			
						DATE							
						2018/09/06							



						GENERAL TOLERANCE	Horus Int. Electronics. Co., LTD. Horus Int. Electronics. Co., LTD.				PART NO. HRS-3025HF-2xXX-N0BBR01F								
						.X ±0.30					APPROVAL CHECK DRAWN DATE				TITLE MICRO FIT 3.0mm DUAL ROW FEMALE HOUSING				
						.XX ±0.20													
						.XXX ±0.10													
2020/03/18	B	EN20200318001	Update Drawing Frame	Alan qin	Robing	X.* ±2"					UNIT	SCALE	SHEET	REV	NUMBER				
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT 	Robing	Smarm	W.H.L	2018/09/06	mm	1 : 1	2/2	B	A-000				

RoHS

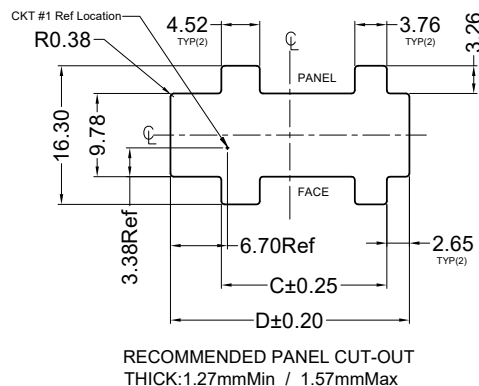
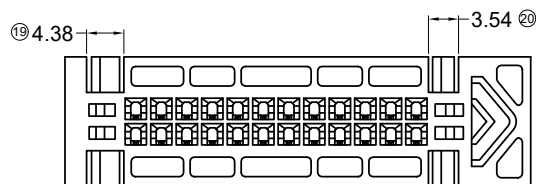
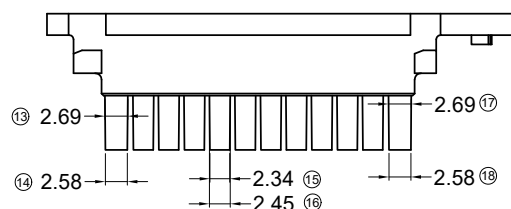
This products can apply to the HRS Doc NO. QA-3-04-005
of Environmental&Material Management Rules

Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 5A Max AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance: $\geq 1000\text{M}\Omega$
- Contact resistance: $\leq 10\text{m}\Omega$
- After environmental testing: $\leq 20\text{m}\Omega$
- Suitable HRS Terminal: HRS-3025TF
- Mate With HRS Female HSG : HRS-3025HF

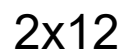
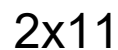
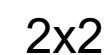
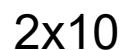
HRS-3025 H M - 2xXX - N0 B B R 01 F
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① Series No.
② Category: H-HSG
③ Connector Type: M-Male HSG
④ Row No.-Pin No.: 2xXX-Double Row
⑤ Material: N0-PA66 94V-0
⑥ Color: B- Black
⑦ Packing: B-Bag
⑧ RoHS/HF: R-Rohs
⑨ Sequence Number: 01
⑩ Special code : F-Other Connectors



Poles	Dimensions(mm)				Poles	Dimensions(mm)			
	A	B	C	D		A	B	C	D
2*01					2*07	39.8	18.00	28.46	37.10
2*02	24.6	3.00	13.46	22.10	2*08	42.8	21.00	31.46	40.10
2*03	27.7	6.00	16.46	25.10	2*09	45.8	24.00	34.46	43.10
2*04	30.7	9.00	19.46	28.10	2*10	48.8	27.00	37.46	46.10
2*05	33.8	12.00	22.46	31.10	2*11	51.8	30.00	40.46	49.10
2*06	36.8	15.00	25.46	34.10	2*12	54.8	33.00	43.46	52.10

						GENERAL TOLERANCE	Horus Int. Electronics. Co., LTD. Horus Int. Electronics. Co., LTD.				PART NO. HRS-3025HM-2xXX-N0BBR01F				
						.X ±0.30					TITLE MICRO FIT 3.0mm DUAL ROW PLUG HOUSING				
						.XX ±0.20									
						.XXX ±0.10	APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
						X.° ±2°					mm	1 : 1	1/2	B	A-000
2020/03/18	B	EN20200318001	Update Drawing Frame	Alan qin	Robing	PROJECT 	Robing	Smrk	W.H.L	2019/07/15					
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL										



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

PART NO.	HRS-3025HM-2xXX-N0BBR01F
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TITLE	MICRO FIT 3.0mm DUAL ROW PLUG HOUSING
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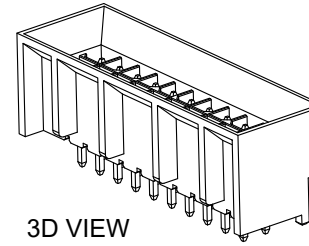
UNIT	SCALE	SHEET	REV	NUMBER
mm	1 : 1	2/2	B	A-000

RoHS

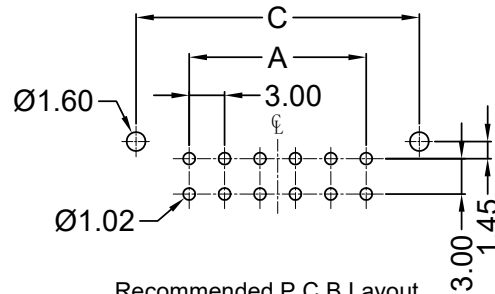
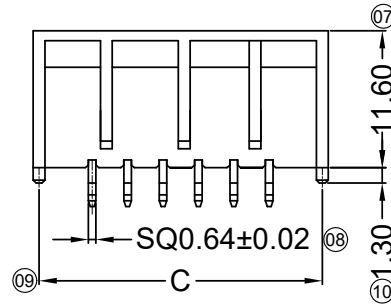
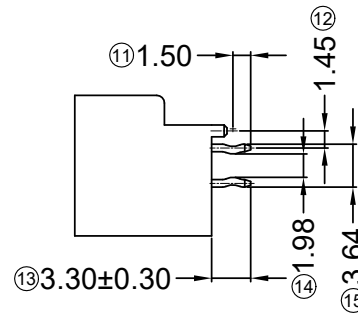
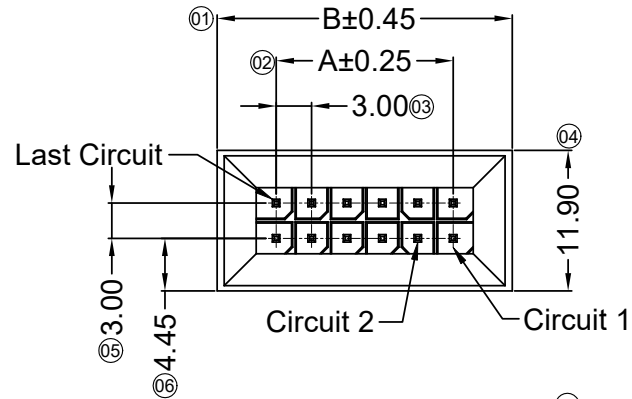
This products can apply to the HRS Doc NO. QA-3-04-005 of Environmental&Material Management Rules

■ Specifications :

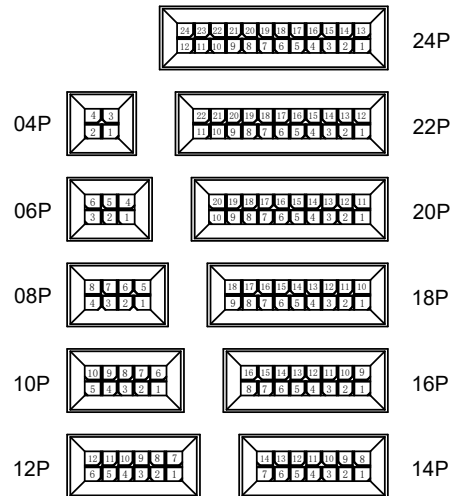
- Voltage rating: 250V AC / DC
- Current rating: 5A AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance: $\geq 1000\text{M}\Omega$
- Contact resistance: $\leq 20\text{m}\Omega$
- After environmental testing: $\leq 30\text{m}\Omega$
- Material(Pin): Brass
- Mates With HRS Housing HRS-3025H



3D VIEW



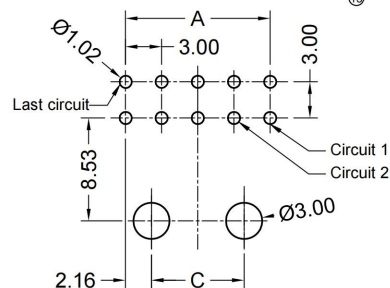
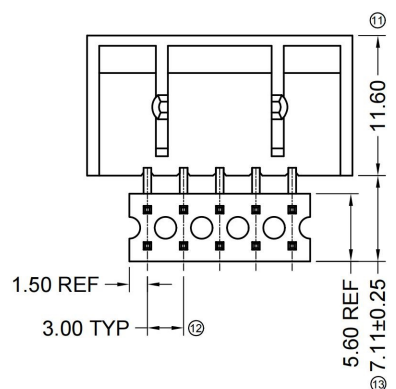
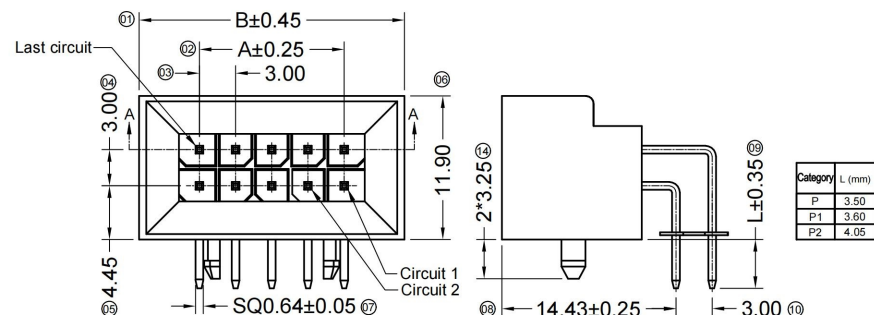
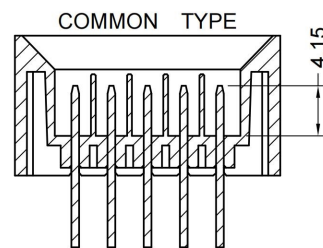
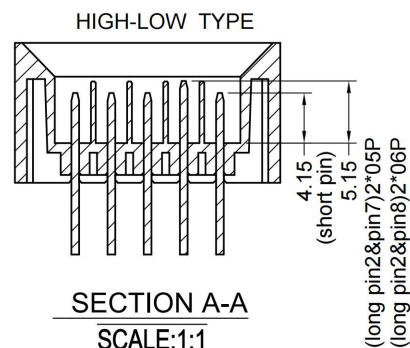
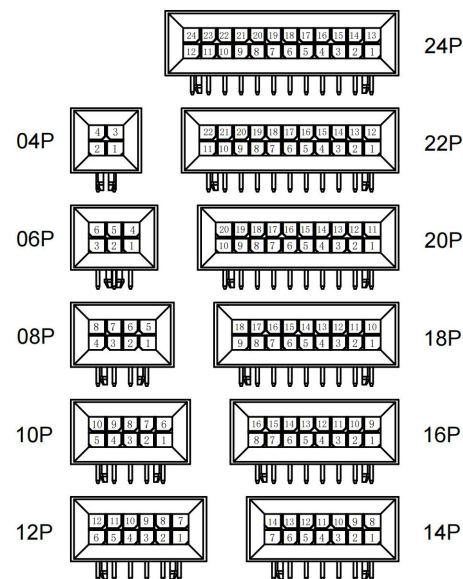
Recommended P.C.B Layout
General Tolerance ± 0.05



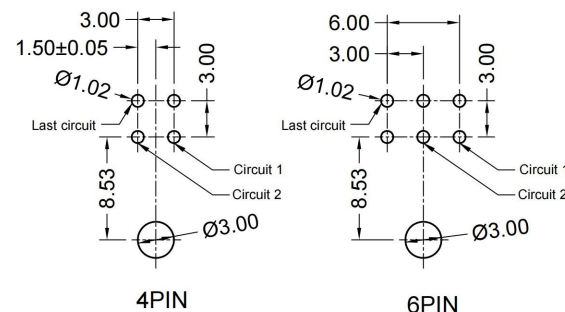
Part No.	Dimensions (mm)		
	A	B	C
2x02	3.00	13.00	12.00
2x03	6.00	16.00	15.00
2x04	9.00	19.00	18.00
2x05	12.00	22.00	21.00
2x06	15.00	25.00	24.00
2x07	18.00	28.00	27.00
2x08	21.00	31.00	30.00
2x09	24.00	34.00	33.00
2x10	27.00	37.00	36.00
2x11	30.00	40.00	39.00
2x12	33.00	43.00	42.00

						GENERAL TOLERANCE	Horus Int. Electronics. Co., LTD. Horustech Electronics. Co., LTD.				PART NO. HRS-3025WV-2*XXP-9TXXXX								
						.X ±0.30					APPROVAL CHECK DRAWN DATE				TITLE 3.00mm Crimp Style Connectors				
						.XX ±0.20													
						.XXX ±0.10					UNIT	SCALE	SHEET	REV	NUMBER				
						X.° ±2°					mm	1:1	1/1	A	A-007				
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT 					Mali	2019/11/02							

RoHS

This products can apply to the HRS Doc NO. QA-3-04-005
of Environmental&Material Management RulesRecommended P.C.B Layout
General Tolerance±0.05SECTION A-A
SCALE:1:1(long pin2&pin7)2*05P
(long pin2&pin8)2*06P

CIRCUIT SIZE LAYOUT

Recommended P.C.B Layout
General Tolerance±0.05

■ Specifications :

- Voltage rating: 250V AC / DC
- Current rating: 5A AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -25°C~+85°C
- Insulation resistance: ≥1000MΩ
- Contact resistance: ≤10mΩ
- After environmental testing: ≤20mΩ
- Material(Pin):Brass
- Mates With HRS Housing:HRS-3025HM

HRS-3025	W	R	X	2*XX	X	PX- XX	XX	XX	T	
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪
① Series No.										
② Category: W-Wafer										
③ Connector Type: R-90°										
④ Mounting Type: Blank-DIP										
⑤ Row No.-Pin No Per Row: 2*XX-2*02P~2*12P										
⑥ Special No.: Blank-COMMON PIN D-HIGH-LOW PIN										
⑦ P-A positioning column; DIP=3.50mm P1-A positioning column;DIP=3.60mm P2-A positioning column;DIP=4.05mm										
⑧ Material: 9T-PA9T 94V-0 (Halogen Free) LP-LCP 94V-0										
⑨ Plating Code: SN-Bright Tin SW-Matte Tin										
⑩ Color: Blank-Black										
⑪ Packing: T-Tray										

Poles	Dimensions (mm)		
	A	B	C
2*02	3.00	13.00	
2*03	6.00	16.00	
2*04	9.00	19.00	4.68
2*05	12.00	22.00	7.68
2*06	15.00	25.00	10.68
2*07	18.00	28.00	13.68
2*08	21.00	31.00	16.68
2*09	24.00	34.00	19.68
2*10	27.00	37.00	22.68
2*11	30.00	40.00	25.68
2*12	33.00	43.00	28.68

						GENERAL TOLERANCE	Horus Int. Electronics. Co., LTD. Horustech Electronics. Co., LTD.				PART NO.				
						X ±0.30					HRS-3025WR-2*XXXPX-XXXXT				
						XX ±0.20					TITLE				
						XXX ±0.10					3.00mm Crimp Style Connectors				
20/05/11	B		Add high and low Pin specifications	Rick	Joshua	X.° ±2°	APPROVAL	CHECK	DRAWN	DATE	UNIT	SCALE	SHEET	REV	NUMBER
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL	PROJECT 	Robing	Joshua	Rick	2020/05/11	mm	1 : 1	1/1	B	A-007