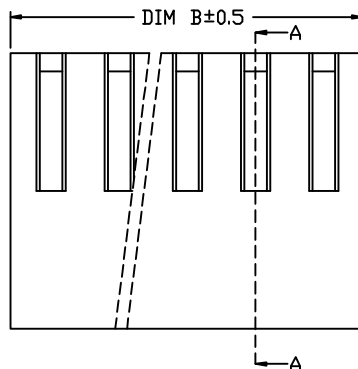
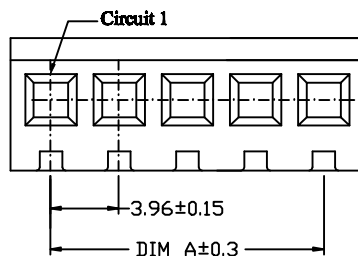


■ Specifications(规格) :

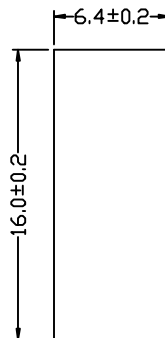
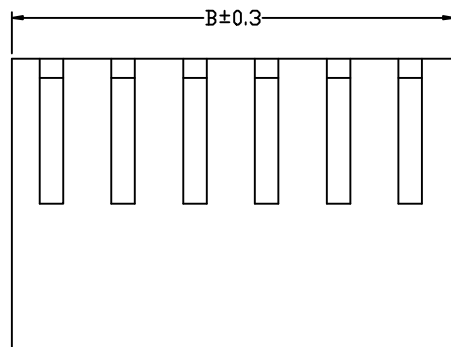
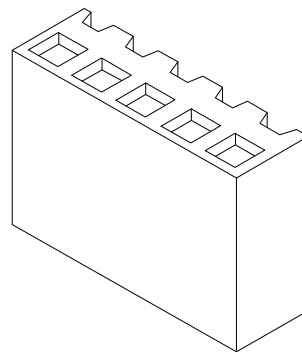
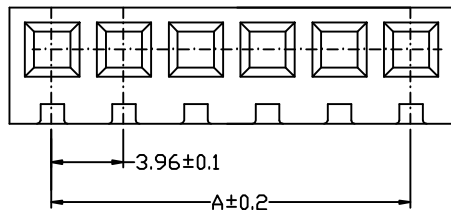
- Voltage rating(额定电压): 250V AC / DC
- Current rating(额定电流): 7A AC / DC
- Withstanding voltage(耐压值): 1500V AC/minute
- Temperature range(工作温度): -25°C~+85°C
- Insulation resistance(绝缘电阻): $\geq 1000M\Omega$
- Contact resistance(接触电阻): $\leq 10m\Omega$
- After environmental testing(环境测试后): $\leq 20m\Omega$

■ Housing(胶壳)

- Part No. (料号): M3963H
- Material (材质): Nylon 66 (尼龙66) UL 94V-0
- Suitable HLB M3963T Series Terminal(匹配8671T系列端子)
- Mates With HLB M3963 Series Wafer (匹配8673系列针座)
- Q'ty (数量): 1,000Pcs/Bag/每袋 (1,000Pcs)

Poles	Part No	Dimension (mm)	
		A	B
2	8672EH00-02P	3.96	8.62
3	8672EH00-03P	7.92	12.99
4	8672EH00-04P	11.88	16.55
5	8672EH00-05P	15.84	20.51
6	8672EH00-06P	19.80	24.47
7	8672EH00-07P	23.76	28.43
8	8672EH00-08P	27.72	32.39
9	8672EH00-09P	31.68	36.35
10	8672EH00-10P	35.64	40.31
11	8672EH00-11P	39.60	44.27
12	8672EH00-12P	43.56	48.23
13	8672EH00-13P	47.52	52.19
14	8672EH00-14P	51.48	56.15
15	8672EH00-15P	55.44	60.11
16	8672EH00-16P	59.40	64.07
17	8672EH00-17P	63.36	68.03
18	8672EH00-18P	67.32	71.79
19	8672EH00-19P	71.28	75.95
20	8672EH00-20P	75.24	79.91

							GENERAL TOLERANCE X ±0.30 XX ±0.20 XXX ±0.10	东莞市翰皓精密电子有限公司 Dongguan HanHao Precision Electronics Co.,Ltd				PART NO.			
												M3963H-XX			
2010/08/22	A	B		Modify frame format	Jove	Jove Lau			APPROVAL	CHECK	DRAWN	DATA	TITLE 3.96 mm Crimp Style Connectors		
DATE	OLD REV	NEW REV	ECN	DESCRIPTION	CHECK	APPROVAL	PROJECT 	Smak	Yu wei	Liu Yan	2010/08/22	UNIT mm	SCALE 1:1	NUMBER	REV B



SPECIFICATIONS

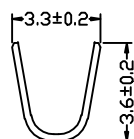
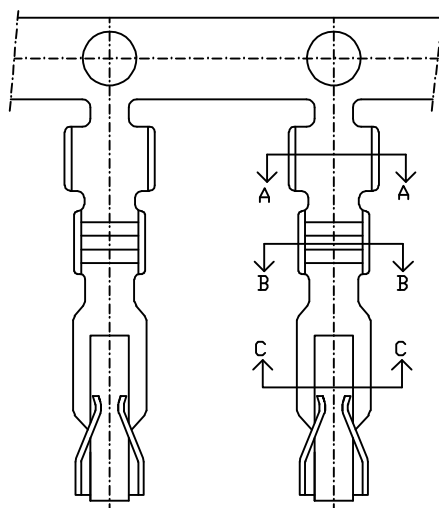
- Voltage rating: 250V AC, DC
- Current rating: 7A, AC, DC
- Withstanding Voltage: 1500V AC/minute
- Insulation resistance: 1000MΩmin
- Temperature range: -25°C~+85°C
- Contact resistance: Initial value/10mΩmax
- After enviornment testing/20mΩmax

HOUSING

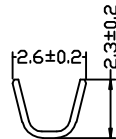
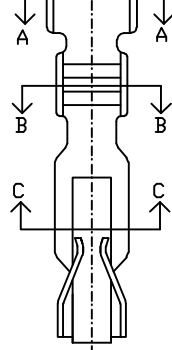
- Part No.: M3963HB
- Material: Nylon 66 UL94V-2
- Suitable HLB 3963 series Terminal
- Mates with HLB 3963 series dual row Housing
- Q'ty: 1000pcs/bag

Poles	Part No	Dimensions (mm)	
		A	B
2	M3963HB-02	3.96	8.43
3	M3963HB-03	7.92	12.39
4	M3963HB-04	11.88	16.35
5	M3963HB-05	15.84	20.31
6	M3963HB-06	19.80	24.27
7	M3963HB-07	23.76	28.23
8	M3963HB-08	27.72	32.19
9	M3963HB-09	31.68	36.15
10	M3963HB-10	35.64	40.11
11	M3963HB-11	39.60	44.07
12	M3963HB-12	43.56	48.03
13	M3963HB-13	47.52	51.99
14	M3963HB-14	51.48	55.95
15	M3963HB-15	55.44	59.91
16	M3963HB-16	59.40	63.87
17	M3963HB-17	63.36	67.83
18	M3963HB-18	67.32	71.79
19	M3963HB-19	71.28	75.75
20	M3963HB-20	75.24	79.71

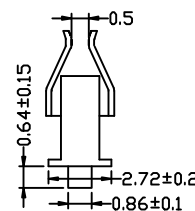
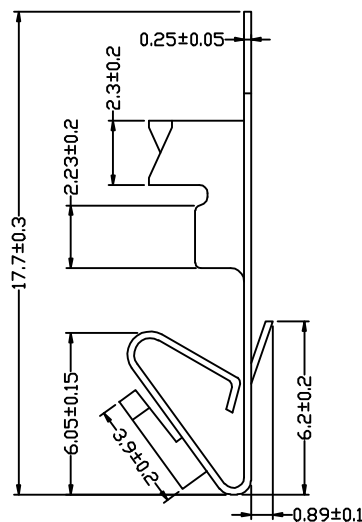
						GENERAL TOLERANCE X ±0.30 XX ±0.20 XXX ±0.10	东莞市翰皓精密电子有限公司 Dongguan HanHao Precision Electronics Co.,Ltd				PART NO. M3963HB-XX				
											TITLE 3.96 mm Crimp Style Connectors				
2010/08/22	A	B		Modify frame format	Jova		Jova Lau	APPROVAL	CHECK	DRAWN	DATA				
DATE	OLD REV	NEW REV	ECN	DESCRIPTION	CHECK		APPROVAL	PROJECT	Smak	Yu wei	Liu Yan	2010/08/22	UNIT mm	SCALE 1:1	NUMBER 8
1		2		3		4		5		6		7		8	



A-A SEC



B-B SEC



C-C SEC

SPECIFICATIONS

- Voltage rating: 250V AC, DC
- Current rating: 7A, AC, DC
- Withstanding Voltage: 1500V AC/minute
- Insulation resistance: 1000MΩmin
- Temperature range: -25°C~+85°C
- Contact resistance: Initial value/10mΩmax
- After enviornmental testing/20mΩmax

TERMINAL

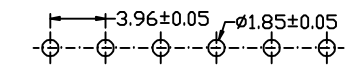
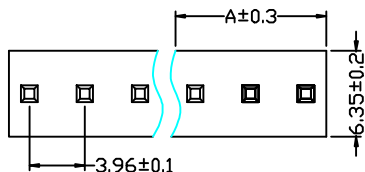
- Part No.: M3963T
- Applicable Wire: AWG#18-24
- Material: Phosphor Bronze
- Q'ty: 10000 pcs/reel

A

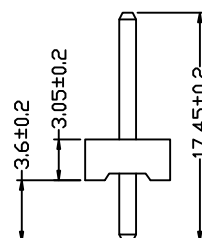
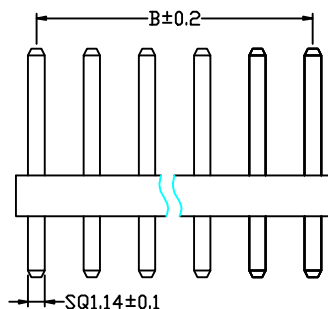
							GENERAL TOLERANCE X ±0.30 XX ±0.20 XXX ±0.10	东莞市翰皓精密电子有限公司 Dongguan HanHao Precision Electronics Co.,Ltd				PART NO. M3963T				
												TITLE 3.96 mm Crimp Style Connectors				
2010/08/22	A	B		Modify frame format	Jove	Jove Lau		APPROVAL	CHECK	DRAWN	DATA	UNIT	SCALE	NUMBER	REV	
DATE	OLD REV	NEW REV	ECN	DESCRIPTION	CHECK	APPROVAL	PROJECT 	Smrk	Yu wei	Liu Yan	2010/08/22	mm	1:1	8	B	
1			2		3		4		5		6		7		8	

A

							GENERAL TOLERANCE X ±0.30 XX ±0.20 XXX ±0.10	东莞市翰皓精密电子有限公司 Dongguan HanHao Precision Electronics Co.,Ltd				PART NO. M3963W-XX			
												TITLE 3.96 mm Crimp Style Connectors			
2010/06/22	A	B		Modify frame format	Jova	Jova Lau		APPROVAL	CHECK	DRAWN	DATA	UNIT mm	SCALE 1 : 1	NUMBER 8	REV B
DATE	OLD REV	NEW REV	ECN	DESCRIPTION	CHECK	APPROVAL	PROJECT 								
1			2	3		4			5	6		7	8		



Recommend PCB Layout



■ Specifications

- Voltage rating: 250V AC/ DC
- Current rating: 7A AC/DC
- Withstanding Voltage: 1500V AC/Minute.
- Insulation resistance:1000M Ω Min.
- Temperature range: -25°C~+85°C
- Contact resistance: Initial value/10M Ω Max.
- After enviromental testing/20M Ω Max.

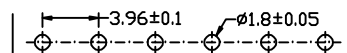
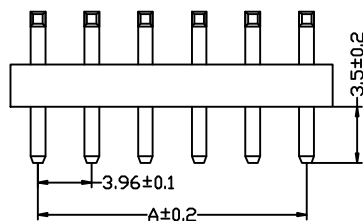
■ Wafer

- Part No.: M3963WE
- Material: Nylon UL94V-2
- Pin : Brass
- Finish: Tin-plated or Gold-flash
- Q'ty: 1,000 Pcs/Bag

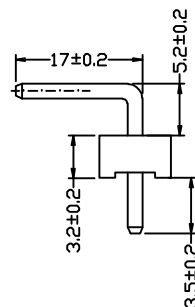
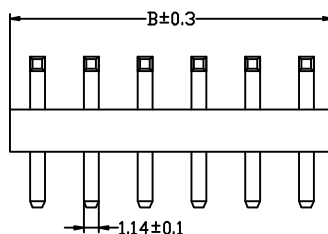
Poles	Part No	Dimensions (mm)	
		A	B
2	M3963WE -02	7.95	3.96
3	M3963WE -03	11.91	7.92
4	M3963WE -04	15.87	11.88
5	M3963WE -05	19.83	15.84
6	M3963WE -06	23.79	19.80
7	M3963WE -07	27.75	23.76
8	M3963WE -08	31.71	27.72
9	M3963WE -09	35.67	30.68
10	M3963WE -10	39.63	35.64
11	M3963WE -11	43.59	39.60
12	M3963WE -12	47.55	43.56
13	M3963WE -13	51.51	47.52
14	M3963WE -14	55.47	51.48
15	M3963WE 15	59.43	55.55
16	M3963WE -16	63.39	59.40
17	M3963WE -17	67.35	63.36
18	M3963WE -18	72.31	67.32
19	M3963WE -19	75.27	72.28
20	M3963WE -20	79.23	75.24

A

							GENERAL TOLERANCE X ±0.30 XX ±0.20 XXX ±0.10	东莞市翰皓精密电子有限公司				PART NO.			
								Dongguan HanHao Precision Electronics Co.,Ltd				M3963WE-XX			
2010/08/22	A	B		Modify frame format	Jove	Jove Lau		APPROVAL	CHECK	DRAWN	DATA	TITLE			
												3.96 mm Crimp Style Connectors			
DATE	OLD REV	NEW REV	ECN	DESCRIPTION	CHECK	APPROVAL	PROJECT	Smak	Yu wei	Liu Yan	2010/08/22	UNIT	SCALE	NUMBER	REV
	1		2		3		4		5		6			8	



Recommend PCB Layout



Specifications

- Voltage rating: 250V AC, DC
- Current rating: 7A, AC, DC
- Withstanding Voltage: 1500V AC/minute
- Insulation resistance: 1000MΩmin
- Temperature range: -25°C~+85°C
- Contact resistance: Initial value/10mΩmax
- After environmental testing/20mΩmax

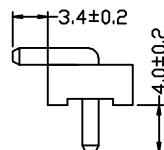
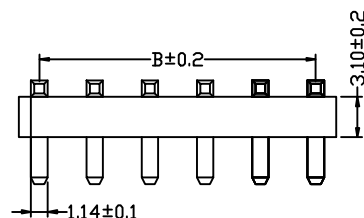
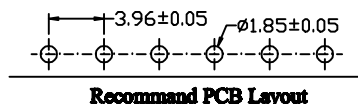
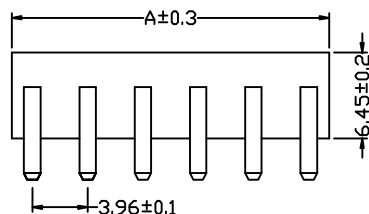
Wafer

- Part No.: M3963WR
- Material: Nylon 66 UL94V-2
- Q'ty: 1000pcs/bag

Poles	Part No	Dimensions (mm)	
		A	B
2	M3963WR-02	3.96	7.92
3	M3963WR-03	7.92	11.88
4	M3963WR-04	11.88	15.84
5	M3963WR-05	15.84	19.80
6	M3963WR06	19.80	23.76
7	M3963WR-07	23.76	27.72
8	M3963WR-08	27.72	31.68
9	M3963WR-09	31.68	35.64
10	M3963WR-10	35.64	39.60
11	M3963WR-11	39.60	43.56
12	M3963WR-12	43.56	47.52
13	M3963WR-13	47.52	51.48
14	M3963WR-14	51.48	55.44
15	M3963WR-15	55.44	49.40
16	M3963WR-16	59.40	63.36
17	M3963WR-17	63.36	67.32
18	M3963WR-18	67.32	71.28
19	M3963WR-19	71.28	75.24
20	M3963WR-20	75.24	79.20

A

							GENERAL TOLERANCE X ±0.30 XX ±0.20 XXX ±0.10	东莞市翰皓精密电子有限公司 Dongguan HanHao Precision Electronics Co.,Ltd				PART NO. M3963WR-XX			
								APPROVAL				TITLE 3.96 mm Crimp Style Connectors			
2010/08/22	A	B		Modify frame format	Jove	Jove Lau		CHECK				DRAWN			
DATE	OLD REV	NEW REV	ECN	DESCRIPTION	CHECK	APPROVAL	PROJECT 	Smak				Yu wei			
1			2	3		4		5				6			
								7				8			
								Liu Yan				2010/08/22			
								UNIT mm				SCALE 1:1			
								NUMBER				REV B			



■ SPECIFICATIONS

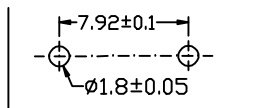
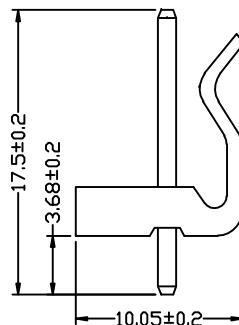
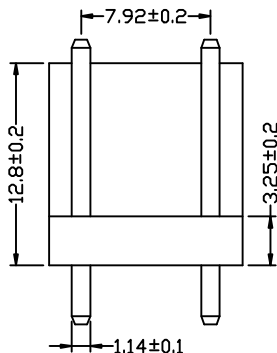
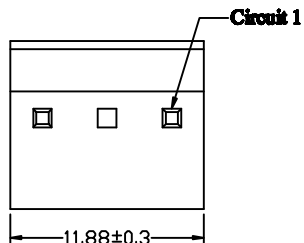
- Voltage rating: 250V AC, DC
- Current rating: 7A, AC, DC
- Withstanding Voltage: 1500V AC/minute
- Insulation resistance: 5000M Ω min
- Temperature range: -40°C~+105°C
- Contact resistance: Initial value/10m Ω max
- After environmental testing/20m Ω max

■ WAFER

- Part No.: M3963WRE
- Material: Nylon UL94V-2
- Qty: 1000pcs/bag

Poles	Part No	Dimensions (mm)	
		A	B
2	M3963WRE-02	8.26	3.96
3	M3963WRE-03	12.22	7.92
4	M3963WRE-04	16.18	11.88
5	M3963WRE-05	20.14	15.84
6	M3963WRE-06	24.10	19.80
7	M3963WRE-07	28.06	23.76
8	M3963WRE-08	32.02	27.72
9	M3963WRE-09	35.98	31.68
10	M3963WRE-10	39.94	35.64
11	M3963WRE-11	43.90	39.60
12	M3963WRE-12	47.86	43.56
13	M3963WRE-13	51.82	47.52
14	M3963WRE-14	55.78	51.48
15	M3963WRE-15	59.74	55.44
16	M3963WRE-16	63.70	59.40
17	M3963WRE-17	67.66	63.36
18	M3963WRE-18	71.62	67.32
19	M3963WRE-19	75.58	71.28
20	M3963WRE-20	79.54	75.24

							GENERAL TOLERANCE X ±0.30 XX ±0.20 XXX ±0.10	东莞市翰皓精密电子有限公司 Dongguan HanHao Precision Electronics Co.,Ltd				PART NO. M3963WRE-XX			
												TITLE 3.96 mm Crimp Style Connectors			
2010/08/22	A	B		Modify frame format	Jove	Jove Lau			APPROVAL	CHECK	DRAWN	DATA	UNIT	SCALE	NUMBER
DATE	OLD REV	NEW REV	ECN	DESCRIPTION	CHECK	APPROVAL		Smak	Yu wei	Liu Yan	2010/08/22	mm	1:1	8	B
1			2	3		4		5		6		7		8	



Recommand PCB Layout

■ Specifications(规格) :

- Voltage rating(额定电压): 250V AC / DC
- Current rating(额定电流): 7A AC / DC
- Withstanding voltage(耐压值): 1500V AC/minute
- Temperature range(工作温度): -25°C~+85°C
- Insulation resistance(绝缘电阻): $\geq 1000M\Omega$
- Contact resistance(接触电阻): $\leq 10m\Omega$
- After environmental testing(环境测试后): $\leq 20m\Omega$

■ Wafer(针座)

- Part No. (料号) : M3963W
- Material (材质) : Housing(胶壳) : Nylon 66 (尼龙66) UL 94V-0
Pin针: Brass (黄铜)
Finish (电镀) : Tin-Plated Or Glod Flash (镀锡或镀金)
- Q'ty (数量) : 1,000Pcs/Bag/每袋 (1,000Pcs)

A							GENERAL TOLERANCE X ± 0.30 XX ± 0.20 XXX ± 0.10	东莞市翰皓精密电子有限公司 Dongguan HanHao Precision Electronics Co.,Ltd				PART NO. M3963W-XX-02			
												TITLE 3.96 mm Crimp Style Connectors			
	2010/08/22	A	B		Modify frame format	Jova	Jova Lau	APPROVAL	CHECK	DRAWN	DATA	UNIT mm	SCALE 1:1	NUMBER 8	REV B
	DATE	OLD REV	NEW REV		DESCRIPTION	CHECK	APPROVAL	PROJECT Smark	Yu wei	Liu Yan	2010/08/22				