

☆☆☆ 100 Series ☆☆☆

P/N: W100V**GP2

Available: 20~50pins

Mate with H100

Specifications

Electrical

Voltage Rating: 50VAC DC

Current Rating: 1.0A AC DC

Contact Resistance: Initial value/20mΩmax

After environmental testing/40mΩ max

Insulation Resistance: 100MΩmin

Temperature Range: -25°C~+85°C

Withstanding voltage:500V AC/minute

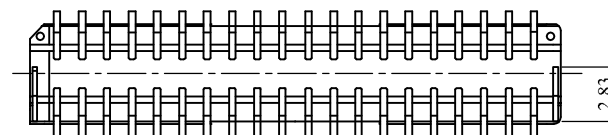
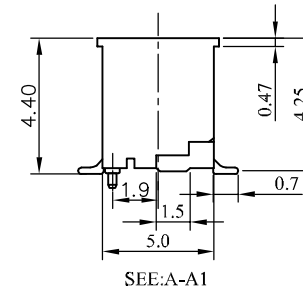
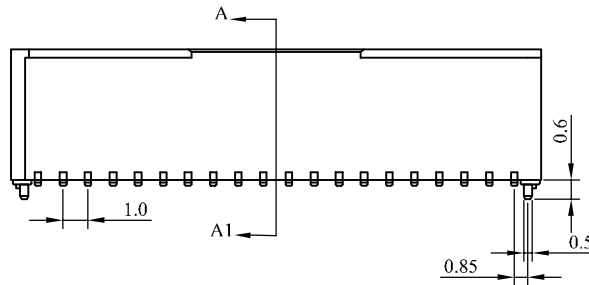
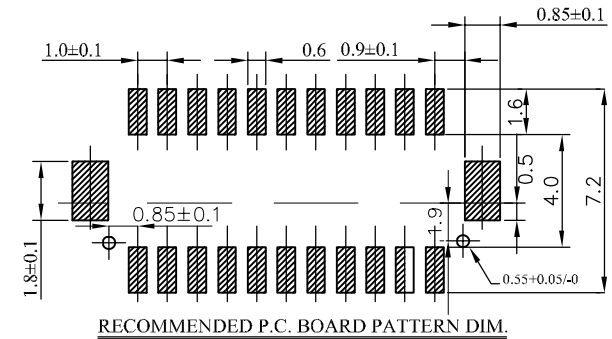
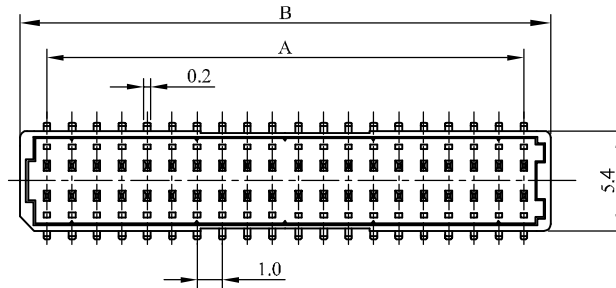
Material and Finish

Header contact:Phosphor bronze,nickel-undercoated,
tin-plated or gold-plated

Water:Glass-filled polyamide,UL94V-0,natural(ivory)

Solder tad:Brass,copper-undercoated,tin/lead-plated

REVISIONS					
REV	ECN	DESCRIPTION	DATE	DRAWN	APPROVED
B					
C					

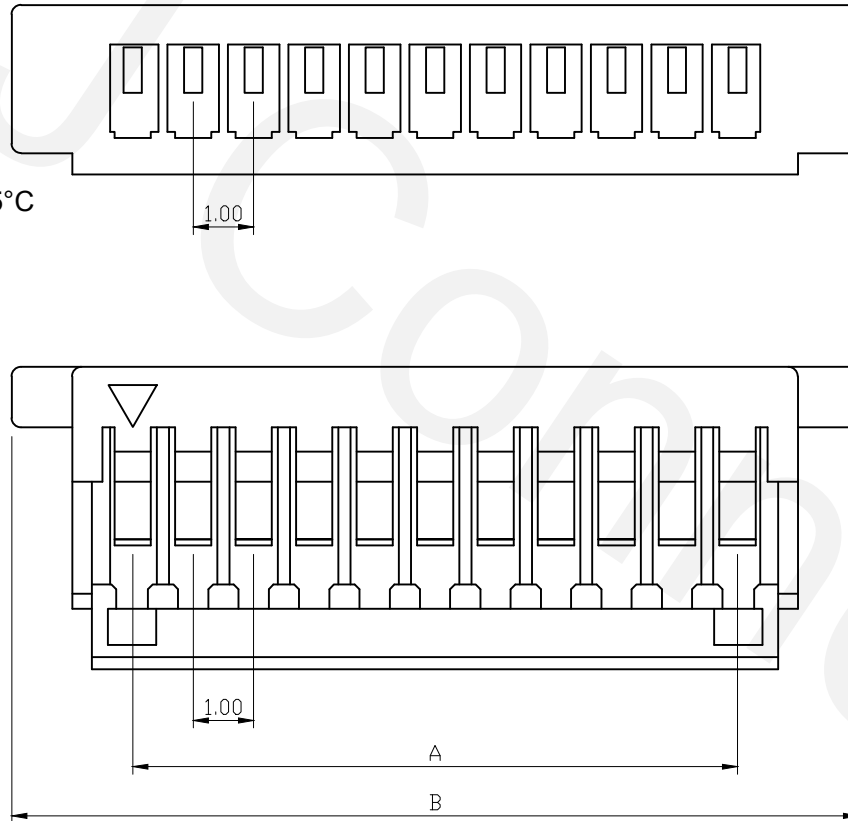


CIRCUITS	PART NO.	Dim.A	Dim.B
20	W100V20GP2	9.0	12.3
30	W100V30GP2	14.0	17.3
40	W100V40GP2	19.0	22.3
50	W100V50GP2	24.0	27.3

☆☆☆ 100 Series ☆☆☆

P/N: H100S**000
 Material: Glass-Filled Polyamide, UL 94V-0, White
 Available: 2~20P
 Mate with W100

Current Rating: 1A AC/DC
 Voltage Rating: 100V AC/DC
 Contact Resistance: 20mΩ Max.
 Insulation Resistance: 500MΩ Min.
 Withstanding Voltage: 500V AC/minute
 Operating Temperature Range: -25°C~85°C



REVISIONS			
REV	DESCRIPTION	DATE	DRAWN
A			

Circuitis	Dim. A	Dim. B
2	1.00	5.00
3	2.00	6.00
4	3.00	7.00
5	4.00	8.00
6	5.00	9.00
7	6.00	10.00
8	7.00	11.00
9	8.00	12.00
10	9.00	13.00
11	10.00	14.00
12	11.00	15.00
13	12.00	16.00
14	13.00	17.00
15	14.00	18.00
16	15.00	19.00
17	16.00	20.00
18	17.00	21.00
19	18.00	22.00
20	19.00	23.00

RoHS Compliant



TEL: 886-2-86871898 FAX: 886-2-86872959
 Mail: tceldh@gmail.com Web: http://www.cnj.tw/

TITLE
 .039"(1.0mm) Wire to Board Standard Housing

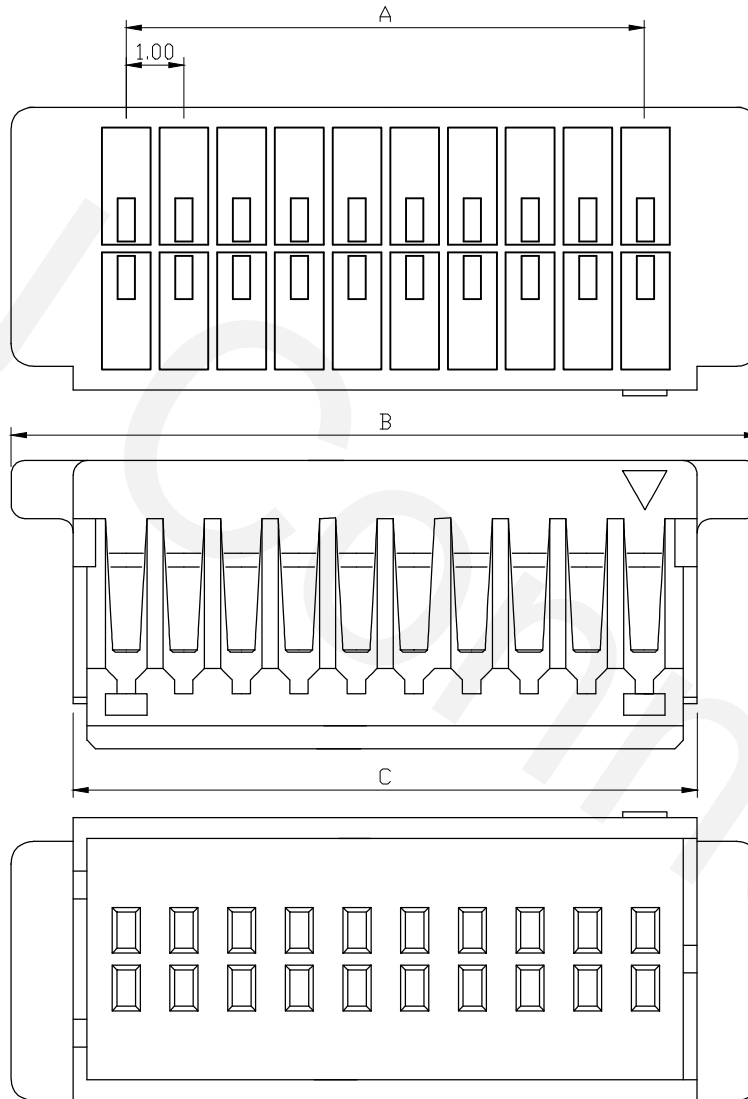
DIMENSION TOLERANCE
 .x ±0.30 x° ±2°
 .xx ±0.20
 .xxx ±0.10

P/N	H100S**000	CHECKED	David	UNIT	mm	DATE	2010/11/03
DRAWN	Michael	APPROVED	Lily	SCALE	1:1	REV	A

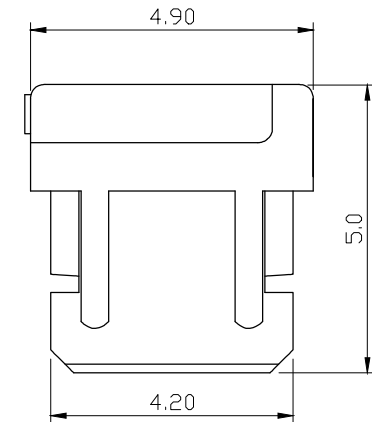
☆☆☆ 100 Series ☆☆☆

P/N: H100S**002
 Material: PBT, UL 94V-0, Natural
 Available: 20~50P
 Mate with W100

Current Rating: 1A AC/DC
 Voltage Rating: 100V AC/DC
 Contact Resistance: 20mΩ Max.
 Insulation Resistance: 500MΩ Min.
 Withstanding Voltage: 500V AC/minute
 Operating Temperature Range: -25°C~85°C



REVISIONS			
REV	DESCRIPTION	DATE	DRAWN
A			



Circuitis	Dim. A	Dim. B	Dim. C
20	9.00	13.00	11.20
30	14.00	18.00	16.20
40	19.00	23.00	21.20
50	24.00	28.00	26.20

RoHS Compliant



TEL: 886-2-86871898 FAX: 886-2-86872959
 Mail: tceldh@gmail.com Web: http://www.cnj.tw/

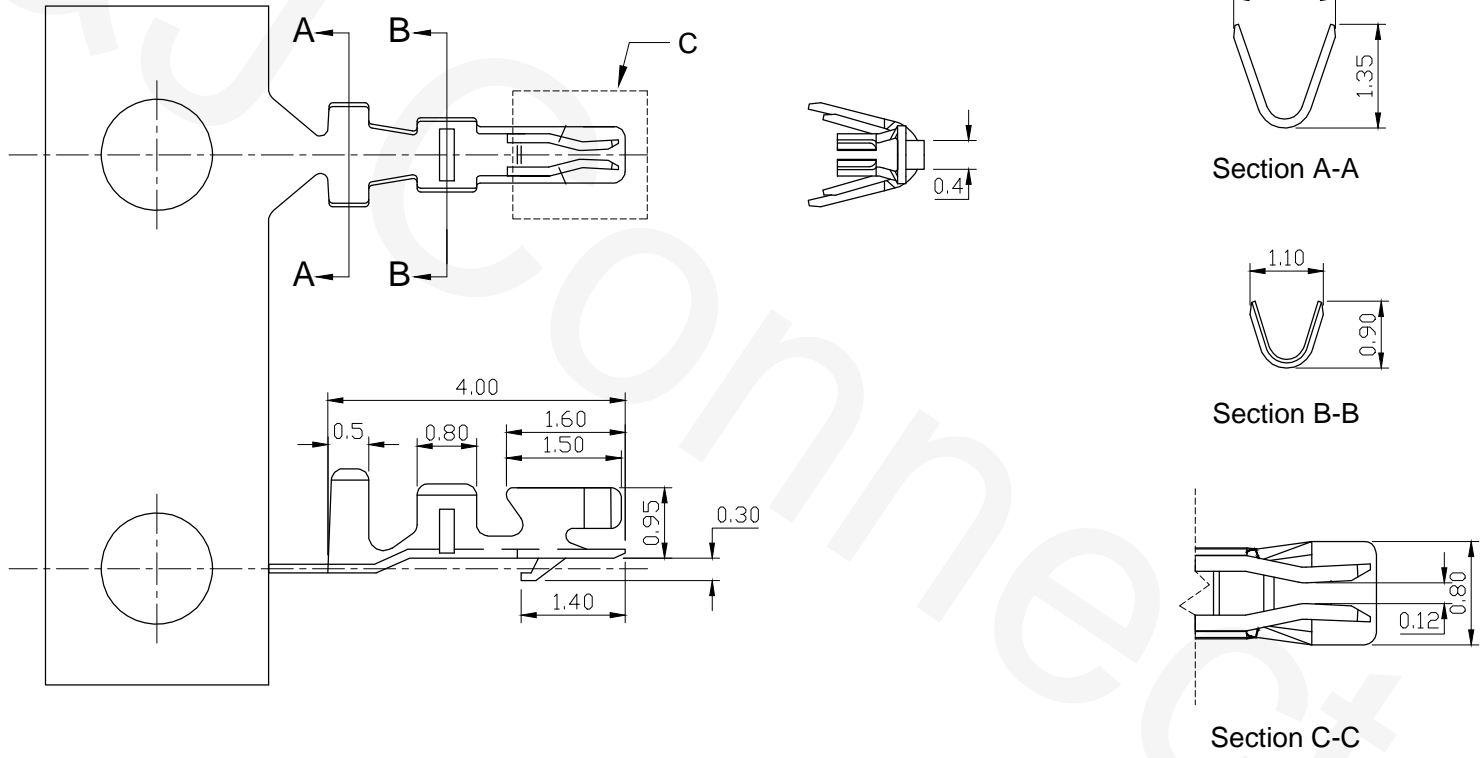
TITLE							DIMENSION TOLERANCE	
.039"(1.0mm) Wire to Board Dual Row Housing							.x ±0.30 x° ±2°	
							.xx ±0.20	
							.xxx ±0.10	
P/N	H100S**002	CHECKED	David	UNIT	mm	DATE	2010/11/03	
DRAWN	Michael	APPROVED	Lily	SCALE	1:1	REV	A	

☆☆☆ 100 Series ☆☆☆

P/N: T100P00T00-01
 Conductor: Phosphor Bronze
 Plating: Tin-Plated/Gold Flash
 Thickness: 0.3mm
 Wire Range: AWG #28~#32
 Qty/reel: 20,000pcs
 Use with H100S**000-01

Voltage Rating: 50V AC/DC
 Current Rating: 1A
 Withstand Voltage: 500V AC/minute

REVISIONS			
REV	DESCRIPTION	DATE	DRAWN
A			



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 Mail: tceldh@gmail.com Web: http://www.cnj.tw/

TITLE						DIMENSION TOLERANCE		
.039"(1.0mm) Wire to Board Terminal						.x ±0.10 .xx ±0.05 .xxx ±0.02		
P/N	T100P00T00-01	CHECKED	David	UNIT	mm	DATE	2011/11/26	
DRAWN	Michael	APPROVED	Lily	SCALE	1:1	REV	A	

☆☆☆ 100 Series ☆☆☆

P/N: W100V**TP2

Material: Glass-Filled Polyamide, UL 94V-0, Natural

Conductor: Phosphor Bronze, Tin-Plated

Available: 20~50P

Mate with H100

Current Rating: 1A AC/DC

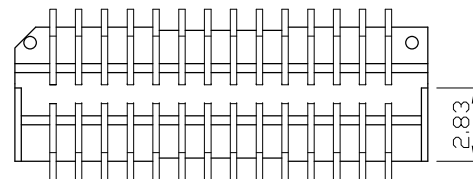
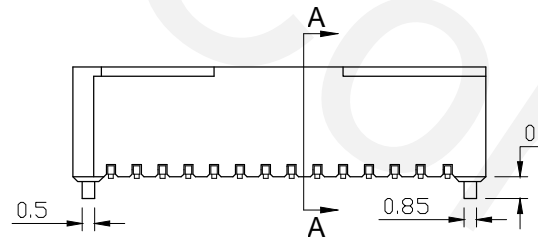
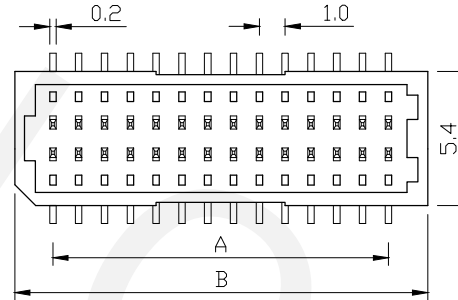
Voltage Rating: 100V AC/DC

Contact Resistance: 20mΩ Max.

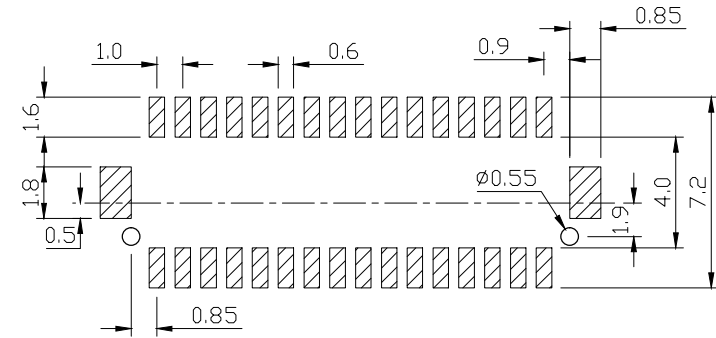
Insulation Resistance: 500MΩ Min.

Withstanding Voltage: 500V AC/minute

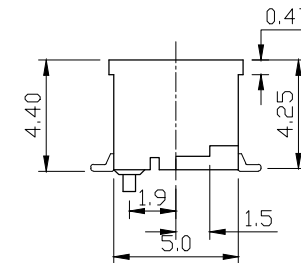
Operating Temperature Range: -25°C~85°C



REVISIONS			
REV	DESCRIPTION	DATE	DRAWN
A			



RECOMMENDED P.C.BOARD HOLE DIMM.



Circuitis	Dim. A	Dim. B
20	9.00	12.30
30	14.00	17.30
40	19.00	22.30
50	24.00	27.30

RoHS Compliant



TEL: 886-2-86871898 FAX: 886-2-86872959
Mail: tceldh@gmail.com Web: http://www.cnj.tw/

TITLE
.039"(1.0mm) Wire to Board SMT Dual Row Vertical Wafer with Column

DIMENSION TOLERANCE
.x ±0.30 x° ±2°
.xx ±0.20
.xxx ±0.10

P/N	W100V**TP2	CHECKED	David	UNIT	mm	DATE	2010/11/05
DRAWN	Michael	APPROVED	Lily	SCALE	1:1	REV	A

☆☆☆ 100 Series ☆☆☆

P/N: W100H**G2S

Material: Glass-Filled Polyamide, UL 94V-0, Natural

Conductor: Phosphor Bronze, Gold-Flash

Available: 20~50P

Mate with H100

Current Rating: 1A AC/DC

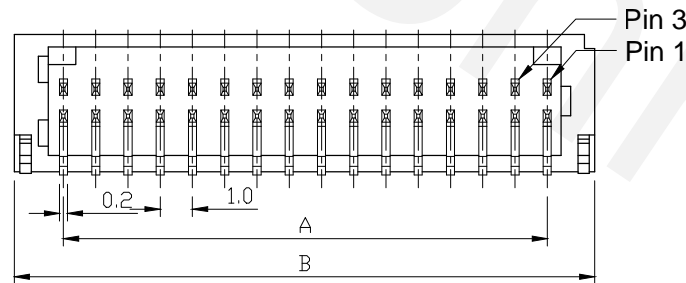
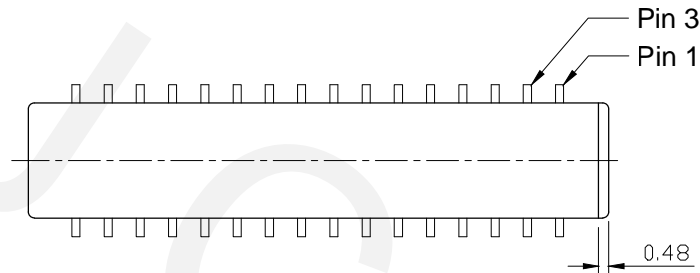
Voltage Rating: 50V AC/DC

Contact Resistance: 20mΩ Max.

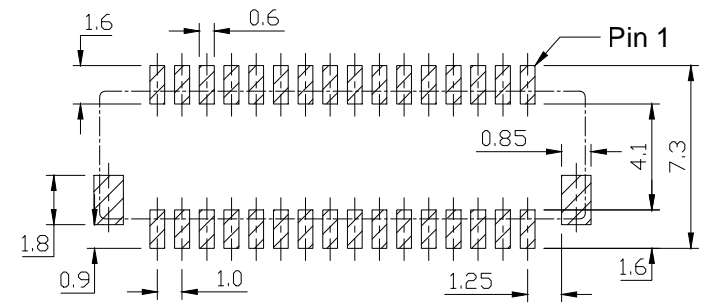
Insulation Resistance: 100MΩ Min.

Withstanding Voltage: 500V AC/minute

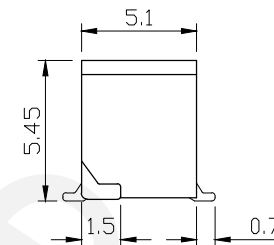
Operating Temperature Range: -25°C~85°C



REVISIONS			
REV	DESCRIPTION	DATE	DRAWN
A			



RECOMMENDED P.C.BOARD HOLE DIMM.



Circuitis	Dim. A	Dim. B
20	9.00	13.10
30	14.00	18.10
40	19.00	23.10
50	24.00	28.10

RoHS Compliant



TEL: 886-2-86871898 FAX: 886-2-86872959
Mail: tceldh@gmail.com Web: http://www.cnj.tw/

TITLE
.039"(1.0mm) Wire to Board SMT Dual Row Horizontal Wafer

DIMENSION TOLERANCE	
.x	±0.30 x° ±2°
.xx	±0.20
.xxx	±0.10

P/N	W100H**G2S	CHECKED	David	UNIT	mm	DATE	2010/11/05
DRAWN	Michael	APPROVED	Lily	SCALE	1:1	REV	A

☆☆☆ 100 Series ☆☆☆

P/N: W100H**T1S

Material: High Temperature Thermoplastic,
UL 94V-0, Natural

Conductor: Phosphor Bronze, Tin-Plated

Available: 2~20P

Mate with H100

Current Rating: 1A AC/DC

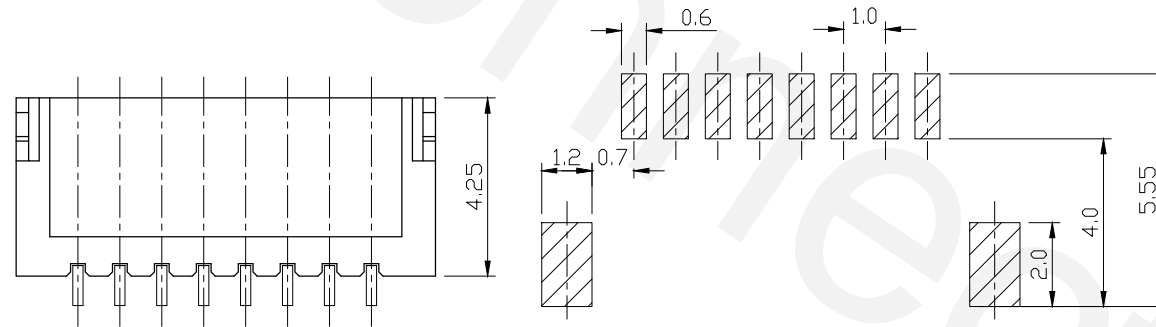
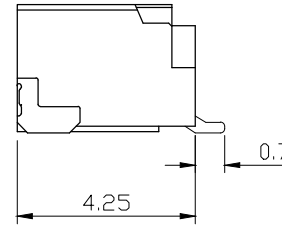
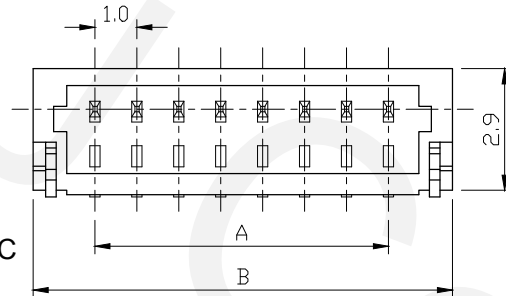
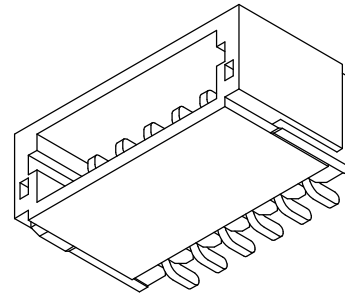
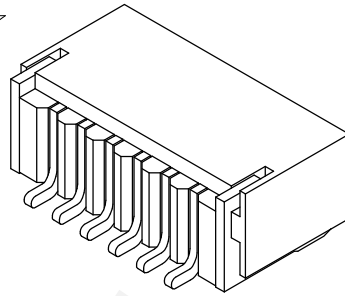
Voltage Rating: 100V AC/DC

Contact Resistance: 20mΩ Max.

Insulation Resistance: 500MΩ Min.

Withstanding Voltage: 500V AC/minute

Operating Temperature Range: -25°C~85°C



RECOMMENDED P.C.BOARD HOLE DIMM.

REVISIONS			
REV	DESCRIPTION	DATE	DRAWN
A			

Circuitis	Dim. A	Dim. B
2	1.00	4.00
3	2.00	5.00
4	3.00	6.00
5	4.00	7.00
6	5.00	8.00
7	6.00	9.00
8	7.00	10.00
9	8.00	11.00
10	9.00	12.00
11	10.00	13.00
12	11.00	14.00
13	12.00	15.00
14	13.00	16.00
15	14.00	17.00
16	15.00	18.00
17	16.00	19.00
18	17.00	20.00
19	18.00	21.00
20	19.00	22.00

RoHS Compliant



TITLE
.039"(1.0mm) Wire to Board Single Row SMT Horizontal Wafer

DIMENSION TOLERANCE
.x ±0.30 x° ±2°
.xx ±0.20
.xxx ±0.10

TEL: 886-2-86871898 FAX: 886-2-86872959
Mail: tceldh@gmail.com Web: http://www.cnj.tw/

P/N	W100H**T1S	CHECKED	David	UNIT	mm	DATE	2010/11/05
DRAWN	Michael	APPROVED	Lily	SCALE	1:1	REV	A

☆☆☆ 100 Series ☆☆☆

P/N: W100H**T2S

Material: Glass-Filled Polyamide, UL 94V-0, Natural

Conductor: Phosphor Bronze, Tin-Plated

Available: 20~50P

Mate with H100

Current Rating: 1A AC/DC

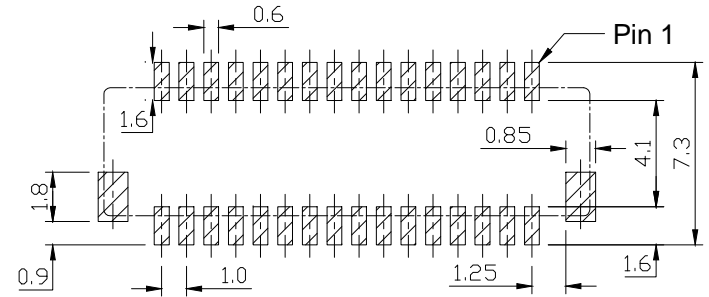
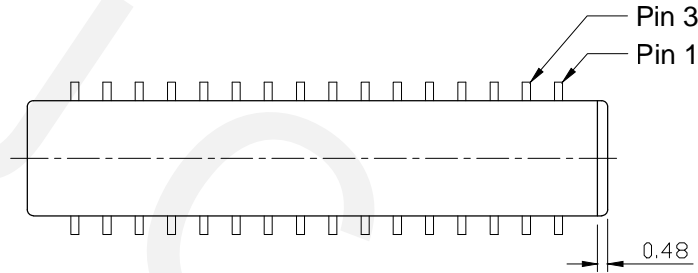
Voltage Rating: 50V AC/DC

Contact Resistance: 20mΩ Max.

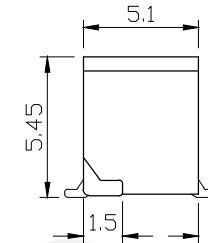
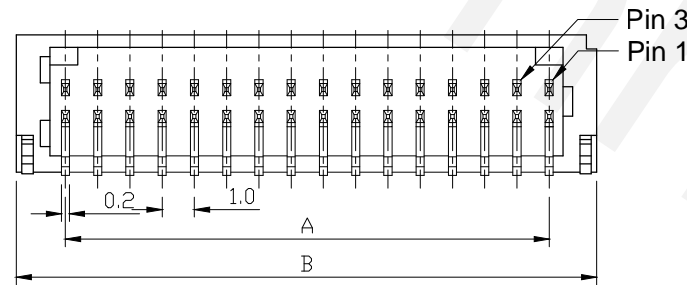
Insulation Resistance: 100MΩ Min.

Withstanding Voltage: 500V AC/minute

Operating Temperature Range: -25°C~85°C



RECOMMENDED P.C. BOARD HOLE DIMM.



Circuitis	Dim. A	Dim. B
20	9.00	13.10
30	14.00	18.10
40	19.00	23.10
50	24.00	28.10

RoHS Compliant



TEL: 886-2-86871898 FAX: 886-2-86872959
Mail: tceldh@gmail.com Web: http://www.cnj.tw/

TITLE
.039"(1.0mm) Wire to Board SMT Dual Row Horizontal Wafer

DIMENSION TOLERANCE
.x ±0.30 x° ±2°
.xx ±0.20
.xxx ±0.10

P/N	W100H**T2S	CHECKED	David	UNIT	mm	DATE	2010/11/05
DRAWN	Michael	APPROVED	Lily	SCALE	1:1	REV	A

REVISIONS			
REV	DESCRIPTION	DATE	DRAWN
A			

☆☆☆ 100 Series ☆☆☆

P/N: W100V**G2S

Material: Glass-Filled Polyamide, UL 94V-0, Natural

Conductor: Phosphor Bronze, Gold-Flash

Available: 20~50P

Mate with H100

Current Rating: 1A AC/DC

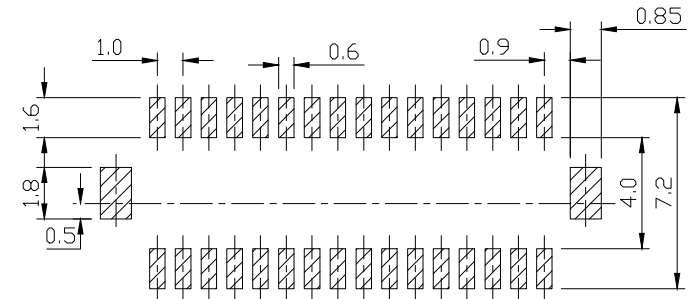
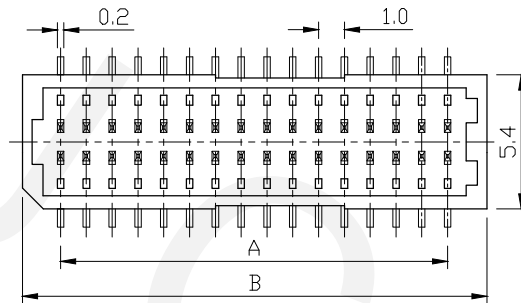
Voltage Rating: 100V AC/DC

Contact Resistance: 20mΩ Max.

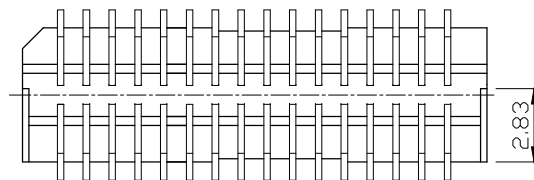
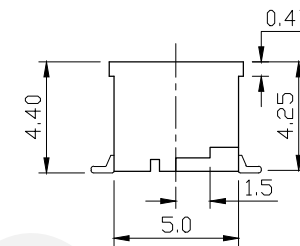
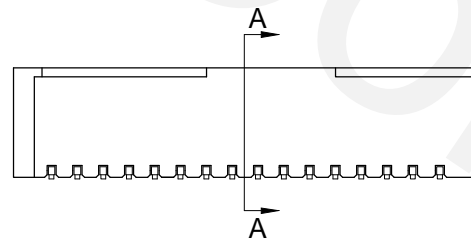
Insulation Resistance: 500MΩ Min.

Withstanding Voltage: 500V AC/minute

Operating Temperature Range: -25°C~85°C



RECOMMENDED P.C.BOARD HOLE DIMM.



Circuitis	Dim. A	Dim. B
20	9.00	12.30
30	14.00	17.30
40	19.00	22.30
50	24.00	27.30

RoHS Compliant



TEL: 886-2-86871898 FAX: 886-2-86872959
Mail: tceldh@gmail.com Web: http://www.cnj.tw/

TITLE
.039"(1.0mm) Wire to Board SMT Dual Row Vertical Wafer

DIMENSION TOLERANCE
.x ±0.30 x° ±2°
.xx ±0.20
.xxx ±0.10

P/N	W100V**G2S	CHECKED	David	UNIT	mm	DATE	2010/11/05
DRAWN	Michael	APPROVED	Lily	SCALE	1:1	REV	A

☆☆☆ 100 Series ☆☆☆

P/N: W100V**T1S

Material: High Temperature Thermoplastic,
UL 94V-0, Natural

Conductor: Phosphor Bronze, Tin-Plated
Available: 2~20P
Mate with H100

Current Rating: 1A AC/DC

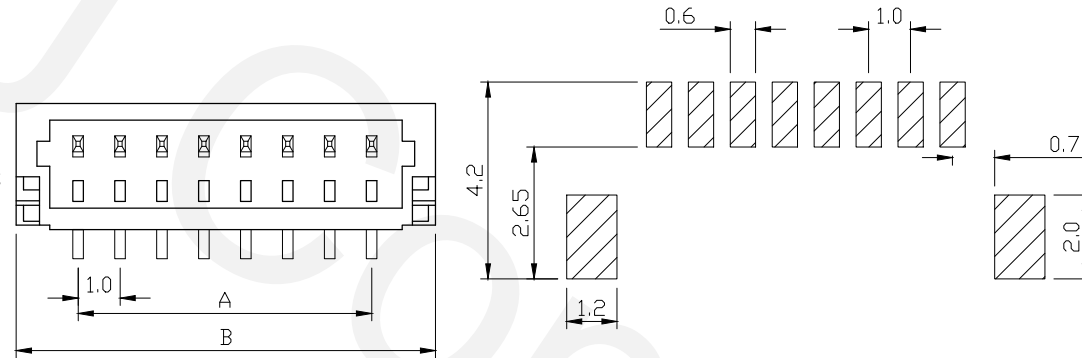
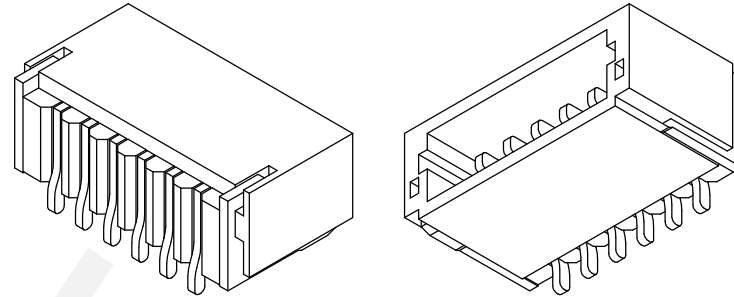
Voltage Rating: 100V AC/DC

Contact Resistance: 20mΩ Max.

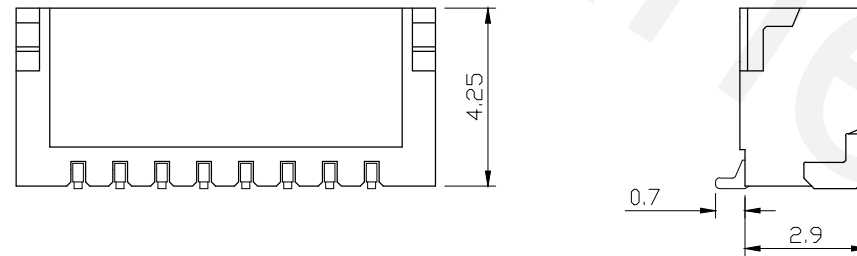
Insulation Resistance: 500MΩ Min.

Withstanding Voltage: 500V AC/minute

Operating Temperature Range: -25°C~85°C



RECOMMENDED P.C.BOARD HOLE DIMM.



REVISIONS			
REV	DESCRIPTION	DATE	DRAWN
A			

Circuitis	Dim. A	Dim. B
2	1.00	4.00
3	2.00	5.00
4	3.00	6.00
5	4.00	7.00
6	5.00	8.00
7	6.00	9.00
8	7.00	10.00
9	8.00	11.00
10	9.00	12.00
11	10.00	13.00
12	11.00	14.00
13	12.00	15.00
14	13.00	16.00
15	14.00	17.00
16	15.00	18.00
17	16.00	19.00
18	17.00	20.00
19	18.00	21.00
20	19.00	22.00

RoHS Compliant



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Mail: tceldh@gmail.com Web: http://www.cnj.tw/

TITLE
.039"(1.0mm) Wire to Board Single Row SMT Vertical Wafer

DIMENSION TOLERANCE		
.x	±0.30	x° ±2°
.xx	±0.20	
.xxx	±0.10	

P/N	W100V**T1S	CHECKED	David	UNIT	mm	DATE	2010/11/05
DRAWN	Michael	APPROVED	Lily	SCALE	1:1	REV	A

☆☆☆ 100 Series ☆☆☆

P/N: W100V**T2S

Material: Glass-Filled Polyamide, UL 94V-0, Natural

Conductor: Phosphor Bronze, Tin-Plated

Available: 20~50P

Mate with H100

Current Rating: 1A AC/DC

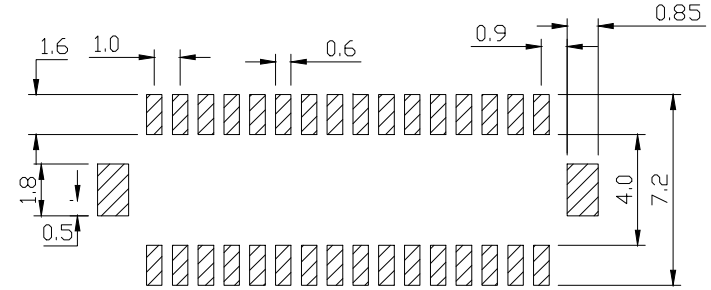
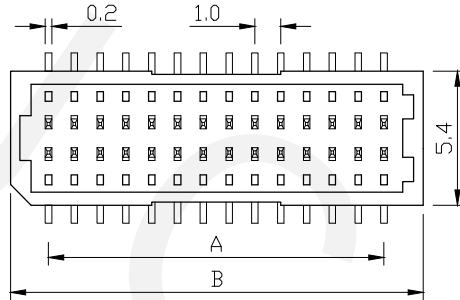
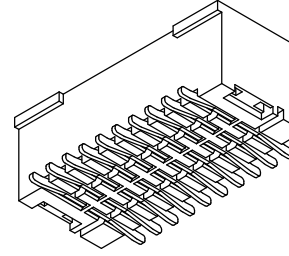
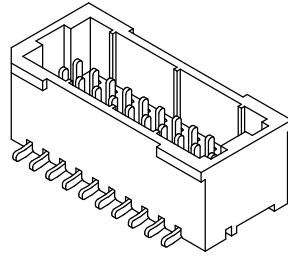
Voltage Rating: 100V AC/DC

Contact Resistance: 20mΩ Max.

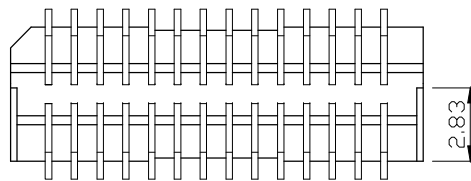
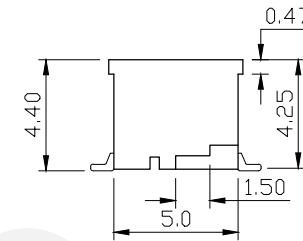
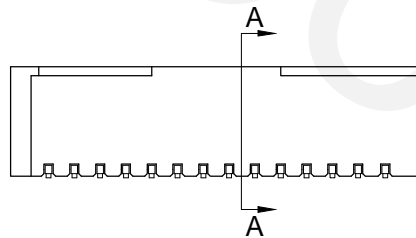
Insulation Resistance: 500MΩ Min.

Withstanding Voltage: 500V AC/minute

Operating Temperature Range: -25°C~85°C



RECOMMENDED P.C.BOARD HOLE DIMM.



Circuitis	Dim. A	Dim. B
20	9.00	12.30
30	14.00	17.30
40	19.00	22.30
50	24.00	27.30

RoHS Compliant



TEL: 886-2-86871898 FAX: 886-2-86872959
Mail: tceldh@gmail.com Web: http://www.cnj.tw/

TITLE
.039"(1.0mm) Wire to Board SMT Dual Row Vertical Wafer

DIMENSION TOLERANCE
.x ±0.30 x° ±2°
.xx ±0.20
.xxx ±0.10

P/N	W100V**T2S	CHECKED	David	UNIT	mm	DATE	2010/11/05
DRAWN	Michael	APPROVED	Lily	SCALE	1:1	REV	A