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A

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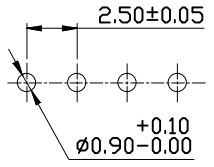
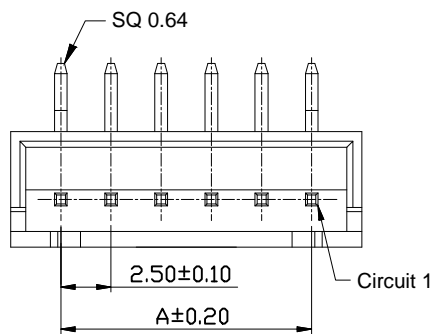
NOTE:

- 1.MATERIAL
 - 1.1 Insulator:Nylon 66,UL94V-0,White
 - 1.2 Contact:Brass,Tin over Nickel

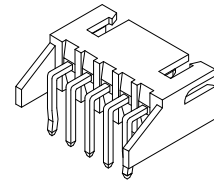
- 2.ELECTRIC
 - 2.1 Voltage Rating:250V AC/DC
 - 2.2 Current Rating:3A AC/DC
 - 2.3 Withstanding Voltage:800V AC/minute
 - 2.4 Insulation Resistance:1000MΩ Min

- 3.Temperature Range:-40°C To +105°C
- 4.Packing:PE bag

Order Code:A-WBP-L004EA-xxTB0x
 1:Type 1
 2:Type 2
 No of contact



PCB LAYOUT



B

B

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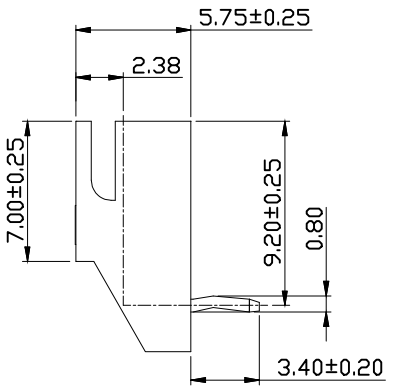
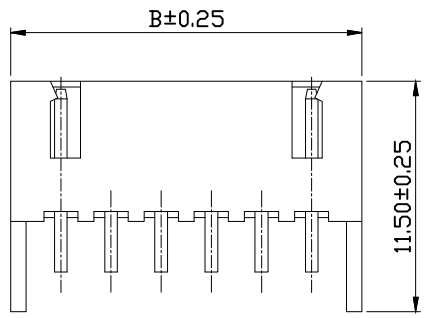
D

E

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F

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TYPE 1

TYPE 2

Poles	Part No.	Dimensions (mm)	
		A	B
02	A-WBP-L004EA-02TB0x	2.50	7.50
03	A-WBP-L004EA-03TB0x	5.00	10.00
04	A-WBP-L004EA-04TB0x	7.50	12.50
05	A-WBP-L004EA-05TB0x	10.00	15.00
06	A-WBP-L004EA-06TB0x	12.50	17.50
07	A-WBP-L004EA-07TB0x	15.00	20.00
08	A-WBP-L004EA-08TB0x	17.50	22.50
09	A-WBP-L004EA-09TB0x	20.00	25.00
10	A-WBP-L004EA-10TB0x	22.50	27.50
11	A-WBP-L004EA-11TB0x	25.00	30.00
12	A-WBP-L004EA-12TB0x	27.50	32.50
13	A-WBP-L004EA-13TB0x	30.00	35.00
14	A-WBP-L004EA-14TB0x	32.50	37.50
15	A-WBP-L004EA-15TB0x	35.00	40.00
16	A-WBP-L004EA-16TB0x	37.50	42.50
17	A-WBP-L004EA-17TB0x	40.00	45.00
18	A-WBP-L004EA-18TB0x	42.50	47.50
19	A-WBP-L004EA-19TB0x	45.00	50.00
20	A-WBP-L004EA-20TB0x	47.50	52.50

G

G

RoHS compliant

unit:mm



② File No.: E198287

Scale	Free
TOLERANCE	
X.	±0.35
X.X	±0.25
X.XX	±0.20
X.XXX	±0.15
DIM	TOL
Angle	TOL

②	Add UL E-No. on page 1,3,4,5	03.16.2023	Peter
①	Add the page 6	09.23.2022	Winnie
①	Drawn	03.15.2022	Peter
Id.	modification	Date	Name

Date Name
 Drawn 03.15.2022 Peter
 Approved 03.16.2023 Peter

Description: Wire to Board Wafer Pitch 2.50mm 90° THT	
ASSMANN WSW-NO. A-WBP-L004EA-xxTB0x	
Drawing-No. ASS 9266 CO	rev02
Customer-No.	SHEET 1 / 8

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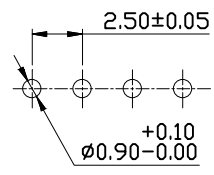
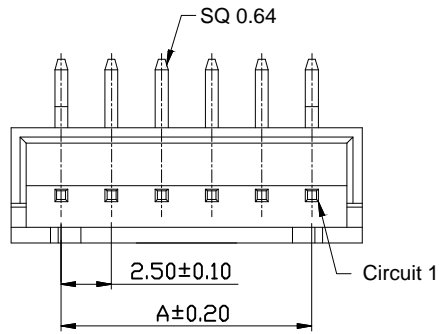
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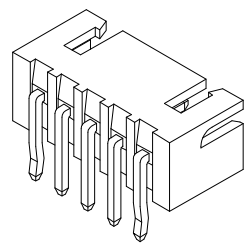
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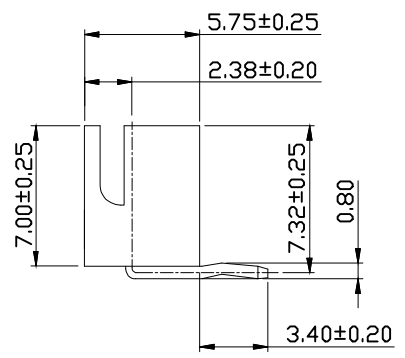
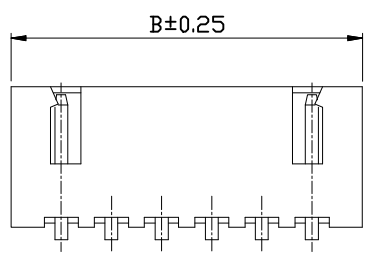


PCB LAYOUT

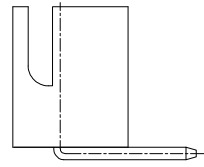


NOTE:

- 1.MATERIAL
 - 1.1 Insulator:Nylon 66,UL94V-0,White
 - 1.2 Contact:Brass,Tin over Nickel
 - 2.ELECTRIC
 - 2.1 Voltage Rating:250V AC/DC
 - 2.2 Current Rating:3A AC/DC
 - 2.3 Withstanding Voltage:800V AC/minute
 - 2.4 Insulation Resistance:1000MΩ Min
 - 3.Temperature Range:-40°C To +105°C
 - 4.Packing:PE bag
- Order Code:A-WBP-L004EA-xxTB0x
- 3:Type 1
 - 4:Type 2
- No of contact



TYPE 1



TYPE 2

Poles	Part No.	Dimensions (mm)	
		A	B
02	A-WBP-L004EA-02TB0x	2.50	7.50
03	A-WBP-L004EA-03TB0x	5.00	10.00
04	A-WBP-L004EA-04TB0x	7.50	12.50
05	A-WBP-L004EA-05TB0x	10.00	15.00
06	A-WBP-L004EA-06TB0x	12.50	17.50
07	A-WBP-L004EA-07TB0x	15.00	20.00
08	A-WBP-L004EA-08TB0x	17.50	22.50
09	A-WBP-L004EA-09TB0x	20.00	25.00
10	A-WBP-L004EA-10TB0x	22.50	27.50
11	A-WBP-L004EA-11TB0x	25.00	30.00
12	A-WBP-L004EA-12TB0x	27.50	32.50
13	A-WBP-L004EA-13TB0x	30.00	35.00
14	A-WBP-L004EA-14TB0x	32.50	37.50
15	A-WBP-L004EA-15TB0x	35.00	40.00
16	A-WBP-L004EA-16TB0x	37.50	42.50
17	A-WBP-L004EA-17TB0x	40.00	45.00
18	A-WBP-L004EA-18TB0x	42.50	47.50
19	A-WBP-L004EA-19TB0x	45.00	50.00
20	A-WBP-L004EA-20TB0x	47.50	52.50

G

G

RoHS compliant
unit:mm


② File No.: E198287

Scale	Free
TOLERANCE	
X.	±0.35
X.X	±0.25
X.XX	±0.20
X.XXX	±0.15
DIM	TOL
Angle	TOL

Id.	modification	Date	Name
②	Add UL E-No. on page 1,3,4,5	03.16.2023	Peter
①	Add the page 6	09.23.2022	Winnie
①	Drawn	03.15.2022	Peter

Date: 03.15.2022
Name: Peter
Drawn

Date: 03.16.2023
Name: Peter
Approved



Description: Wire to Board Wafer
Pitch 2.50mm 90° THT

ASSMANN WSW-NO.
A-WBP-L004EA-xxTB0x

Drawing-No. ASS 9266 CO rev02

Customer-No. SHEET 2 / 8

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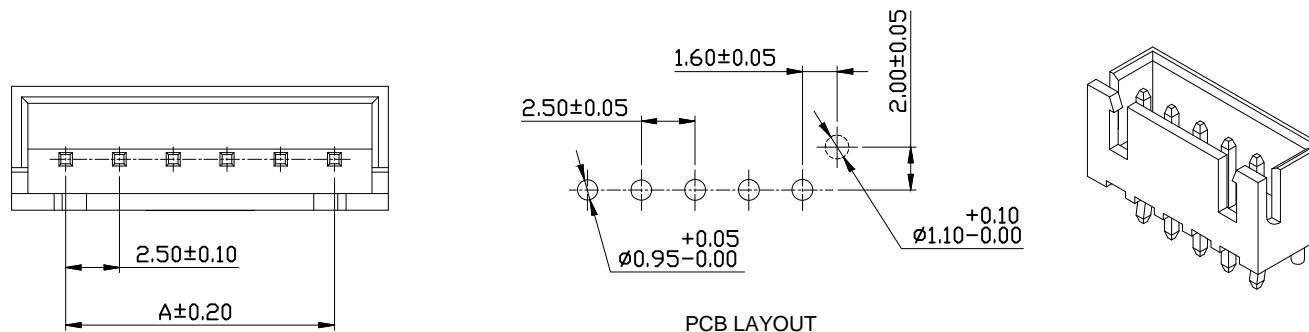
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A

A

**NOTE:****1.MATERIAL**

- 1.1 Insulator:Nylon 66,UL94V-0,White
- 1.2 Contact:Brass,Tin over Nickel

2.ELECTRIC

- 2.1 Voltage Rating:250V AC/DC
- 2.2 Current Rating:3A AC/DC
- 2.3 Withstanding Voltage:800V AC/minute
- 2.4 Insulation Resistance:1000MΩ Min

3.Temperature Range:-40°C To +105°C**4.Packing:PE bag**

Order Code:A-WBP-L004EG-xxTB0x

- 1:Type 1
- 2:Type 2
- 3:Type 3

B

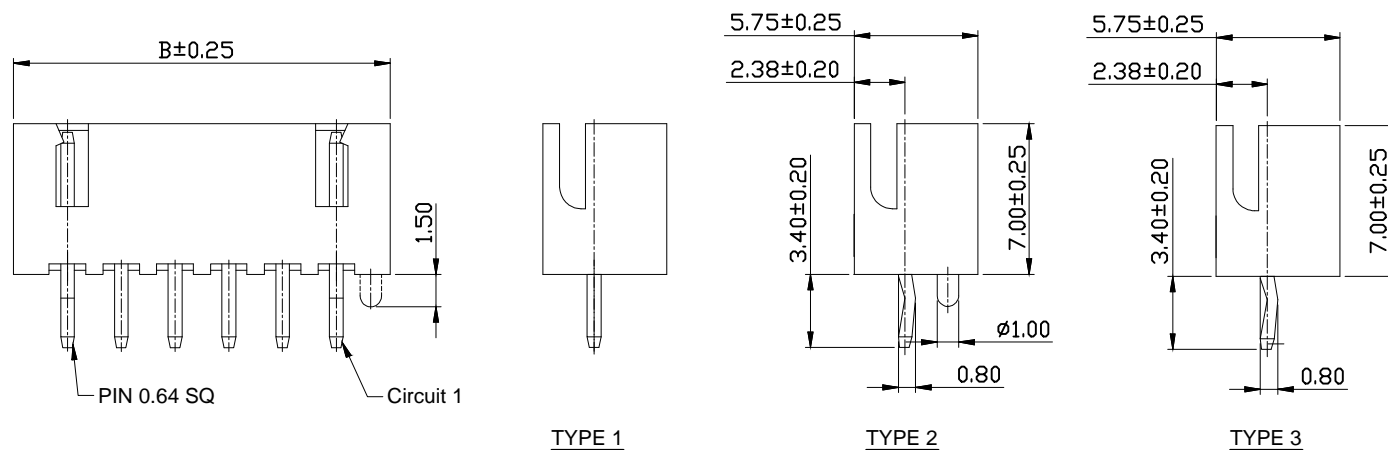
B

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C

D

D



Poles	Part No.	Dimensions (mm)	
		A	B
02	A-WBP-L004EG-02TB0x	2.50	7.50
03	A-WBP-L004EG-03TB0x	5.00	10.00
04	A-WBP-L004EG-04TB0x	7.50	12.50
05	A-WBP-L004EG-05TB0x	10.00	15.00
06	A-WBP-L004EG-06TB0x	12.50	17.50
07	A-WBP-L004EG-07TB0x	15.00	20.00
08	A-WBP-L004EG-08TB0x	17.50	22.50
09	A-WBP-L004EG-09TB0x	20.00	25.00
10	A-WBP-L004EG-10TB0x	22.50	27.50
11	A-WBP-L004EG-11TB0x	25.00	30.00
12	A-WBP-L004EG-12TB0x	27.50	32.50
13	A-WBP-L004EG-13TB0x	30.00	35.00
14	A-WBP-L004EG-14TB0x	32.50	37.50
15	A-WBP-L004EG-15TB0x	35.00	40.00
16	A-WBP-L004EG-16TB0x	37.50	42.50
17	A-WBP-L004EG-17TB0x	40.00	45.00
18	A-WBP-L004EG-18TB0x	42.50	47.50
19	A-WBP-L004EG-19TB0x	45.00	50.00
20	A-WBP-L004EG-20TB0x	47.50	52.50

E

E

F

F

G

G

RoHS compliant

unit:mm



② File No.: E198287

Scale Free

TOLERANCE

X. ±0.35

X.X ±0.25

X.XX ±0.20

X.XXX ±0.15

DIM TOL

Angle TOL

②

Add UL E-No. on page 1,3,4,5

①

Add the page 6

①

Drawn

Id.

modification

Date

Name

Date

Name

Drawn

03.15.2022

Peter

Approved

03.16.2023

Peter

Description: Wire to Board Wafer
Pitch 2.50mm 180° THT

ASSMANN WSW-NO.

A-WBP-L004EG-xxTB0x

Drawing-No.

ASS 9266 CO

rev02

Customer-No.

SHEET
3 / 8

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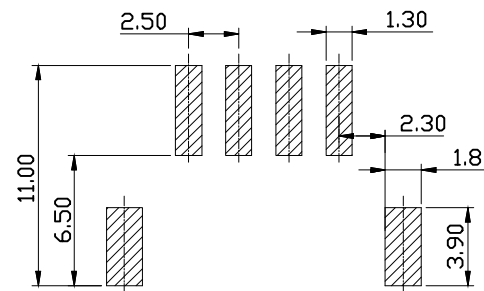
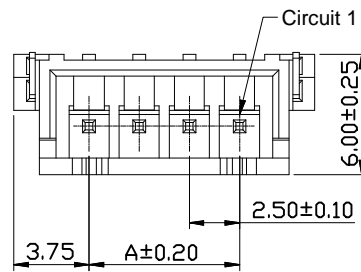
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A

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NOTE:

- 1.MATERIAL
 - 1.1 Insulator:LCP,UL94V-0,White
 - 1.2 Contact:Brass,Tin over Nickel
- 2.ELECTRIC
 - 2.1 Voltage Rating:250V AC/DC
 - 2.2 Current Rating:3A AC/DC
 - 2.3 Withstanding Voltage:800V AC/minute
 - 2.4 Insulation Resistance:1000MΩ Min
- 3.Temperature Range:-40°C To +105°C
- 4.Packing:Tape Reel

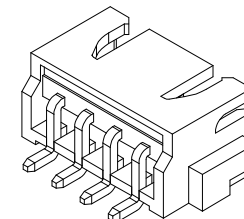
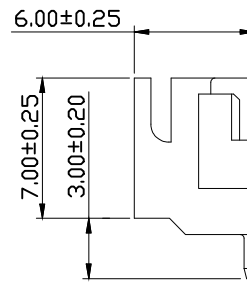
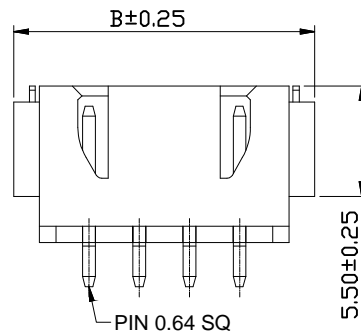
B

B

C

C

PCB LAYOUT



Poles	Part No.	Dimensions (mm)	
		A	B
02	A-WBP-L004EA-02SR01	2.50	10.00
03	A-WBP-L004EA-03SR01	5.00	12.50
04	A-WBP-L004EA-04SR01	7.50	15.00
05	A-WBP-L004EA-05SR01	10.00	17.50
06	A-WBP-L004EA-06SR01	12.50	20.00
07	A-WBP-L004EA-07SR01	15.00	22.50
08	A-WBP-L004EA-08SR01	17.50	25.00
09	A-WBP-L004EA-09SR01	20.00	27.50
10	A-WBP-L004EA-10SR01	22.50	30.00
11	A-WBP-L004EA-11SR01	25.00	32.50
12	A-WBP-L004EA-12SR01	27.50	35.00
13	A-WBP-L004EA-13SR01	30.00	37.50
14	A-WBP-L004EA-14SR01	32.50	40.00
15	A-WBP-L004EA-15SR01	35.00	42.50
16	A-WBP-L004EA-16SR01	37.50	45.00
17	A-WBP-L004EA-17SR01	40.00	47.50
18	A-WBP-L004EA-18SR01	42.50	50.00
19	A-WBP-L004EA-19SR01	45.00	52.50
20	A-WBP-L004EA-20SR01	47.50	55.00

D

D

E

E

F

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G

G

RoHS compliant

unit:mm



② File No.: E198287

Scale Free

TOLERANCE

X. ±0.35

X.X ±0.25

X.XX ±0.20

X.XXX ±0.15

DIM TOL

Angle TOL

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Add UL E-No. on page 1,3,4,5
 Add the page 6

Drawn
 Id. modification

03.16.2023
 09.23.2022
 03.15.2022
 Date

Peter
 Peter
 Peter
 Name

Drawn
 Approved
 ASSMANN
 WSWW components

Date
 03.15.2022
 03.16.2023
 03.15.2022

Description: Wire to Board Wafer
 Pitch 2.50mm 90° SMT
 ASSMANN WSW-NO.
 A-WBP-L004EA-xxSR01
 Drawing-No.
 ASS 9266 CO
 Customer-No.
 rev02
 SHEET 4 / 8

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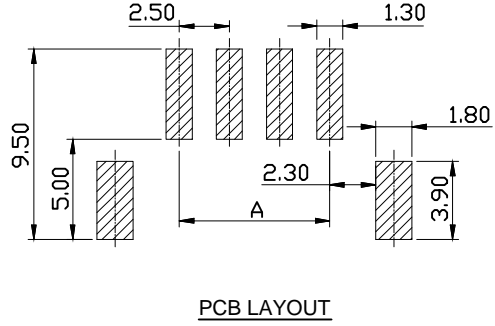
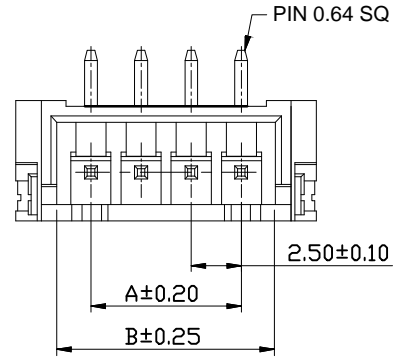
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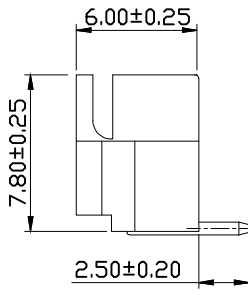
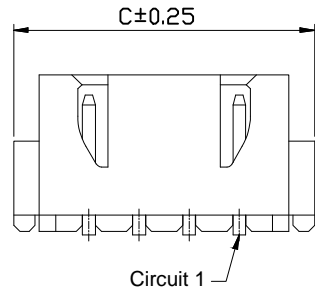
F

F



NOTE:

- 1.MATERIAL
 - ① 1.1 Insulator:LCP,UL94V-0,White
 - 1.2 Contact:Brass,Tin over Nickel
- 2.ELECTRIC
 - 2.1 Voltage Rating:250V AC/DC
 - 2.2 Current Rating:3A AC/DC
 - 2.3 Withstanding Voltage:800V AC/minute
 - 2.4 Insulation Resistance:1000MΩ Min
- 3.Temperature Range:-40°C To +105°C
- 4.Packing:Tape&Reel



Poles	Part No.	Dimmensions (mm)		
		A	B	B
02	A-WBP-L004EG-02SR01	2.50	5.90	10.00
03	A-WBP-L004EG-03SR01	5.00	8.40	12.50
04	A-WBP-L004EG-04SR01	7.50	10.90	15.00
05	A-WBP-L004EG-05SR01	10.00	13.40	17.50
06	A-WBP-L004EG-06SR01	12.50	15.90	20.00
07	A-WBP-L004EG-07SR01	15.00	18.40	22.50
08	A-WBP-L004EG-08SR01	17.50	20.90	25.00
09	A-WBP-L004EG-09SR01	20.00	23.40	27.50
10	A-WBP-L004EG-10SR01	22.50	25.90	30.00
11	A-WBP-L004EG-11SR01	25.00	28.40	32.50
12	A-WBP-L004EG-12SR01	27.50	30.90	35.00
13	A-WBP-L004EG-13SR01	30.00	33.40	37.50
14	A-WBP-L004EG-14SR01	32.50	35.90	40.00
15	A-WBP-L004EG-15SR01	35.00	38.40	42.50
16	A-WBP-L004EG-16SR01	37.50	40.90	45.00

G

G

RoHS compliant
unit:mm

② File No.: E198287

Scale	Free
TOLERANCE	
X.	±0.35
X.X	±0.25
X.XX	±0.20
X.XXX	±0.15
DIM	TOL
Angle	TOL


②	Add UL E-No. on page 1,3,4,5	03.16.2023	Peter
①	Add the page 6	09.23.2022	Winnie
①	Drawn	03.15.2022	Peter
Id.	modification	Date	Name

Date

Name

Drawn 03.15.2022 Peter

Approved 03.16.2023 Peter



Description: Wire to Board Wafer
Pitch 2.50mm 180° SMT

ASSMANN WSW-NO.
A-WBP-L004EG-xxSR01

Drawing-No.
ASS 9266 CO rev02

Customer-No. SHEET 5 / 8

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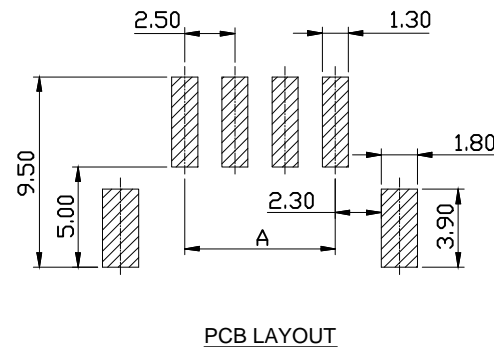
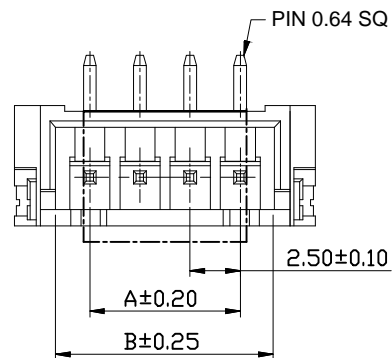
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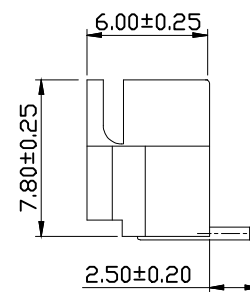
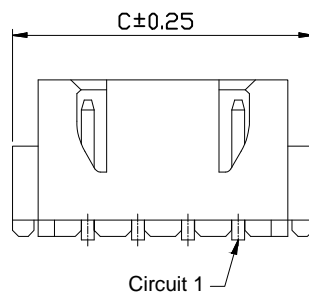
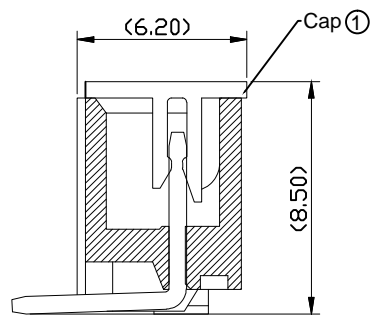
H

**NOTE:****1.MATERIAL**

- 1.1 Insulator:LCP,UL94V-0,White
- 1.2 Contact:Brass,Tin over Nickel

2.ELECTRIC

- 2.1 Voltage Rating:250V AC/DC
- 2.2 Current Rating:3A AC/DC
- 2.3 Withstanding Voltage:800V AC/minute
- 2.4 Insulation Resistance:1000MΩ Min

3.Temperature Range:-40°C To +105°C**4.Packing:Tape&Reel+Cap**

Poles	Part No.	Dimmensions (mm)		
		A	B	B
02	A-WBP-L004EG-02SR02	2.50	5.90	10.00
03	A-WBP-L004EG-03SR02	5.00	8.40	12.50
04	A-WBP-L004EG-04SR02	7.50	10.90	15.00
05	A-WBP-L004EG-05SR02	10.00	13.40	17.50
06	A-WBP-L004EG-06SR02	12.50	15.90	20.00
07	A-WBP-L004EG-07SR02	15.00	18.40	22.50
08	A-WBP-L004EG-08SR02	17.50	20.90	25.00
09	A-WBP-L004EG-09SR02	20.00	23.40	27.50
10	A-WBP-L004EG-10SR02	22.50	25.90	30.00
11	A-WBP-L004EG-11SR02	25.00	28.40	32.50
12	A-WBP-L004EG-12SR02	27.50	30.90	35.00
13	A-WBP-L004EG-13SR02	30.00	33.40	37.50
14	A-WBP-L004EG-14SR02	32.50	35.90	40.00
15	A-WBP-L004EG-15SR02	35.00	38.40	42.50
16	A-WBP-L004EG-16SR02	37.50	40.90	45.00

RoHS compliant

unit:mm

Scale Free

TOLERANCE

X. ±0.35

X.X ±0.25

X.XX ±0.20

X.XXX ±0.15

DIM TOL

Angle TOL

② Add UL E-No. on page 1,3,4,5

① Add the page 6

③ Drawn

Id. modification

03.16.2023

09.23.2022

03.15.2022

Date

Peter

Winnie

Peter

Name

Date

Drawn

Approved

03.15.2022

03.16.2023

Name

Peter

Peter

Description: Wire to Board Wafer
Pitch 2.50mm 180° SMT

ASSMANN WSW-NO.

A-WBP-L004EG-xxSR02

Drawing-No.

ASS 9266 CO

rev02

Customer-No.

SHEET
6 / 8

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A

A

B

B

C

C

D

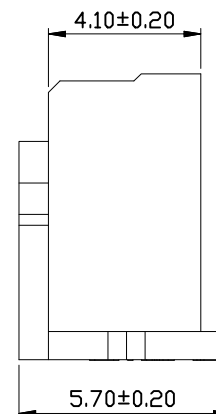
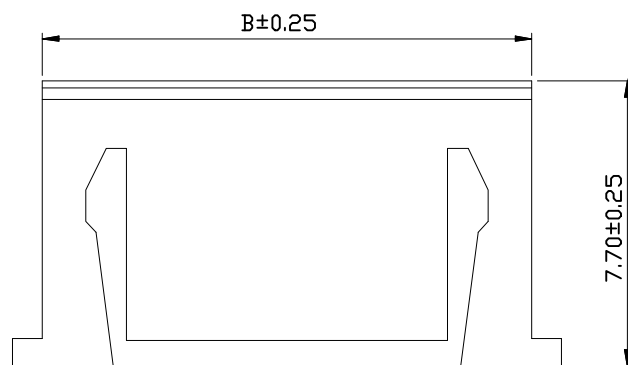
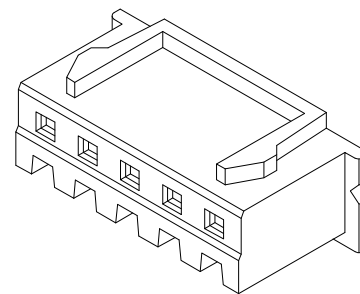
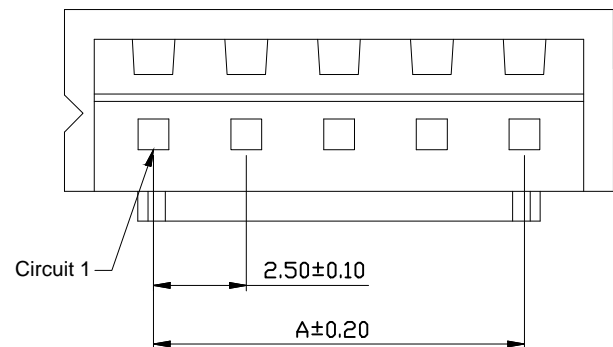
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E

E

F

F

**NOTE:****1.MATERIAL**

1.1 Insulator:Nylon 66,UL94V-0,White

2.ELECTRIC

2.1 Voltage Rating:250V AC/DC

2.2 Current Rating:3A AC/DC

2.3 Withstanding Voltage:800V AC/minute

2.4 Insulation Resistance:1000MΩ Min

3.Temperature Range:-40°C To +105°C

4.Packing:PE bag

Poles	Part No.	Dimensions (mm)	
		A	B
02	A-WBH-L004EG-02CB01	2.50	5.70
03	A-WBH-L004EG-03CB01	5.00	8.20
04	A-WBH-L004EG-04CB01	7.50	10.70
05	A-WBH-L004EG-05CB01	10.00	13.20
06	A-WBH-L004EG-06CB01	12.50	15.70
07	A-WBH-L004EG-07CB01	15.00	18.20
08	A-WBH-L004EG-08CB01	17.50	20.70
09	A-WBH-L004EG-09CB01	20.00	23.20
10	A-WBH-L004EG-10CB01	22.50	25.70
11	A-WBH-L004EG-11CB01	25.00	28.20
12	A-WBH-L004EG-12CB01	27.50	30.70
13	A-WBH-L004EG-13CB01	30.00	33.20
14	A-WBH-L004EG-14CB01	32.50	35.70
15	A-WBH-L004EG-15CB01	35.00	38.20
16	A-WBH-L004EG-16CB01	37.50	40.70
17	A-WBH-L004EG-17CB01	40.00	43.20
18	A-WBH-L004EG-18CB01	42.50	45.70
19	A-WBH-L004EG-19CB01	45.00	48.20
20	A-WBH-L004EG-20CB01	47.50	50.70

G

G

RoHS compliant

unit:mm

Scale Free

TOLERANCE

X. ±0.35

X.X ±0.25

X.XX ±0.20

X.XXX ±0.15

DIM TOL

Angle TOL

②

①

①

①

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①

Add UL E-No. on page 1,3,4,5

Add the page 6

Drawn

Id.

modification

03.16.2023

09.23.2022

03.15.2022

Date

Peter

Winnie

Peter

Name

Date

Name

Drawn

03.15.2022

Peter

Approved

03.16.2023

Peter

Description: Wire to Board Housing
Pitch 2.50mm

ASSMANN WSW-NO.

A-WBH-L004EG-xxCB01

Drawing-No.

ASS 9266 CO

rev02

Customer-No.

SHEET
7 / 8

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H

H

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4

5

6

7

A

A

B

B

C

C

D

D

E

E

F

F

SEC:A-A

SEC:B-B

NOTE:

1.MATERIAL
1.1 Contact:Phosphor Bronze,Tin over Nickel

2.ELECTRIC
2.1 Voltage Rating:250V AC/DC
2.2 Current Rating:3A AC/DC
2.3 Withstanding Voltage:800V AC/minute
2.4 Insulation Resistance:1000MΩ Min
2.5 Contact Resistance:10mΩ Max

3.Temperature Range:-40°C To +105°C
4.Applicable Wire:AWG#22-#28
(insulation O.D 1.9mm Max)
5.Packing:Reel

G

G

RoHS compliant
unit:mm

Scale	Free					Date	Name
TOLERANCE							
X.	±0.35					Drawn	03.15.2022 Peter
X.X	±0.25					Approved	03.16.2023 Peter
X.XX	±0.20	②	Add UL E-No. on page 1,3,4,5	03.16.2023	Peter		
X.XXX	±0.15	①	Add the page 6	09.23.2022	Winnie		
DIM	TOL	③	Drawn	03.15.2022	Peter		
Angle	TOL	Id.	modification	Date	Name		

Description: Wire to Board Terminal
Pitch 2.50mmASSMANN WSW-NO.
A-WBT-L004EG-01CR02Drawing-No.
ASS 9266 CO rev02Customer-No.
SHEET 8 / 8

H

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