

1

2

3

4

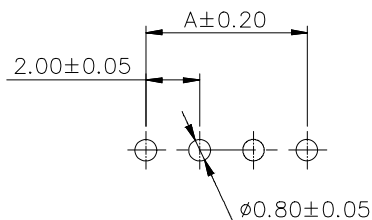
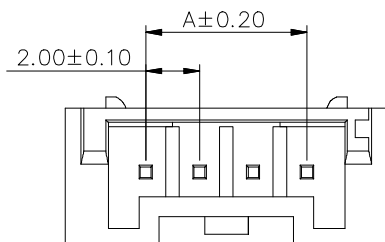
5

6

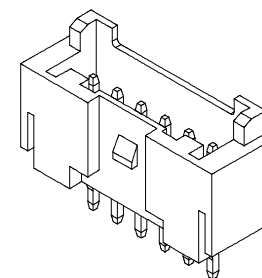
7

A

A



P.C.B LAYOUT



## NOTE:

## 1.MATERIAL

- 1.1 Insulator:Nylon 6T,UL94V-0,Ivory
- 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

B

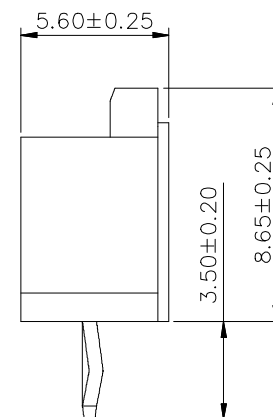
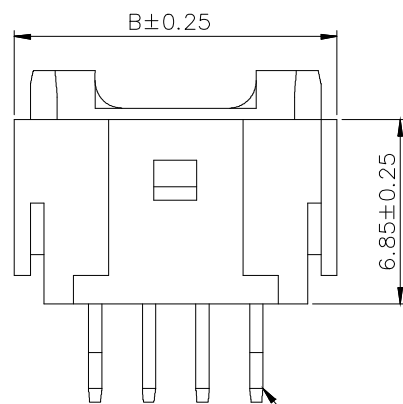
B

C

C

D

D

PIN 0.50 SQ  
Circuit 1

Poles	Part No.	Dimensions (mm)	
		A	B
02	A-WBP-K015EG-02TB01	2.00	8.00
03	A-WBP-K015EG-03TB01	4.00	10.00
04	A-WBP-K015EG-04TB01	6.00	12.00
05	A-WBP-K015EG-05TB01	8.00	14.00
06	A-WBP-K015EG-06TB01	10.00	16.00
07	A-WBP-K015EG-07TB01	12.00	18.00
08	A-WBP-K015EG-08TB01	14.00	20.00
09	A-WBP-K015EG-09TB01	16.00	22.00
10	A-WBP-K015EG-10TB01	18.00	24.00
11	A-WBP-K015EG-11TB01	20.00	26.00
12	A-WBP-K015EG-12TB01	22.00	28.00
13	A-WBP-K015EG-13TB01	24.00	30.00
14	A-WBP-K015EG-14TB01	26.00	32.00
15	A-WBP-K015EG-15TB01	28.00	34.00
16	A-WBP-K015EG-16TB01	30.00	36.00

E

E

F

F

G

G

RoHS compliant

unit:mm



① 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

①

②

③

④

⑤

⑥

⑦

⑧

Add UL E-No. on page 1,2,3,4,6  
03.15.2023 Peter

Drawn  
01.10.2022 Peter

modification  
Date Name

Date

Name

Drawn

01.10.2022

Peter

Approved

03.15.2023

Peter

Description: Wire to Board Wafer  
Pitch 2.00mm 180° THT

ASSMANN WSW-NO.

A-WBP-K015EG-xxTB01

Drawing-No.

ASS 9187 CO

rev01

Customer-No.

SHEET  
1 / 9

1

2

3

4

5

6

7

H

H

1

2

3

4

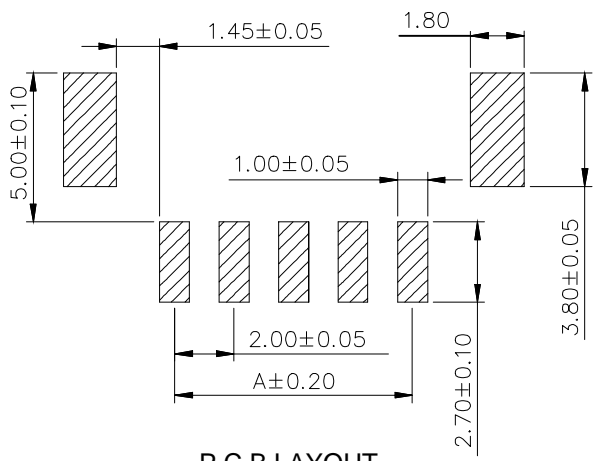
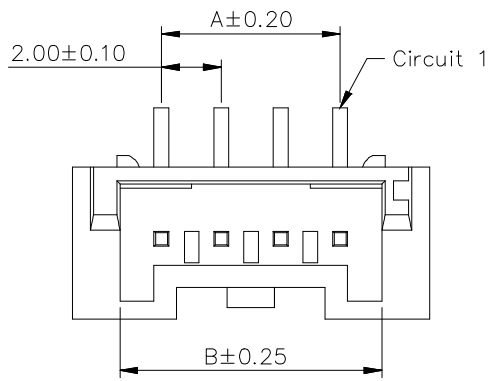
5

6

7

A

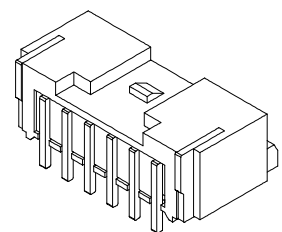
A



P.C.B LAYOUT

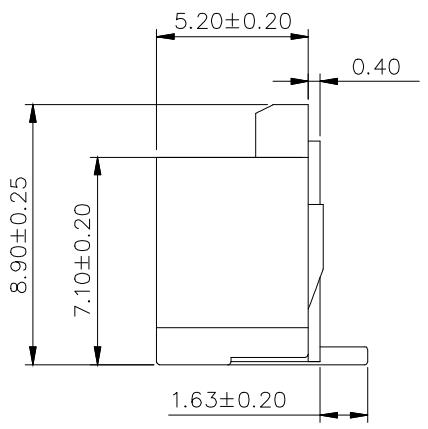
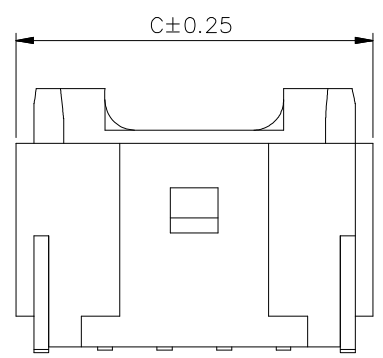
NOTE:

- 1.MATERIAL
  - 1.1 Insulator:Nylon 6T,UL94V-0,Ivory
  - 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:Reel



D

D



Poles	Part No.	Dimensions (mm)		
		A	B	C
02	A-WBP-K015EG-02SR01	2.00	4.50	8.00
03	A-WBP-K015EG-03SR01	4.00	6.50	10.00
04	A-WBP-K015EG-04SR01	6.00	8.50	12.00
05	A-WBP-K015EG-05SR01	8.00	10.50	14.00
06	A-WBP-K015EG-06SR01	10.00	12.50	16.00
07	A-WBP-K015EG-07SR01	12.00	14.50	18.00
08	A-WBP-K015EG-08SR01	14.00	16.50	20.00
09	A-WBP-K015EG-09SR01	16.00	18.50	22.00
10	A-WBP-K015EG-10SR01	18.00	20.50	24.00
11	A-WBP-K015EG-11SR01	20.00	22.50	26.00
12	A-WBP-K015EG-12SR01	22.00	24.50	28.00
13	A-WBP-K015EG-13SR01	24.00	26.50	30.00
14	A-WBP-K015EG-14SR01	26.00	28.50	32.00
15	A-WBP-K015EG-15SR01	28.00	30.50	34.00
16	A-WBP-K015EG-16SR01	30.00	32.50	36.00

E

E

F

F

G

G

RoHS compliant



① 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

①	Add UL E-No. on page 1,2,3,4,6	03.15.2023	Peter
②	Drawn	01.10.2022	Peter
Id.	modification	Date	Name

Date

Name

Drawn 01.10.2022 Peter

Approved 03.15.2023 Peter

Description: Wire to Board Wafer Pitch 2.00mm 180° SMT	
ASSMANN WSW-NO. <b>A-WBP-K015EG-xxSR01</b>	
Drawing-No.	rev01
ASS 9187 CO	
Customer-No.	SHEET 2 / 9

H

H

1

2

3

4

5

6

7

1

2

3

4

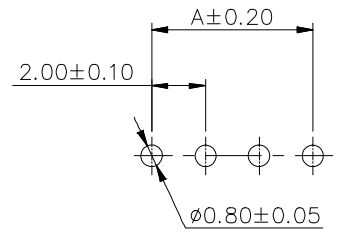
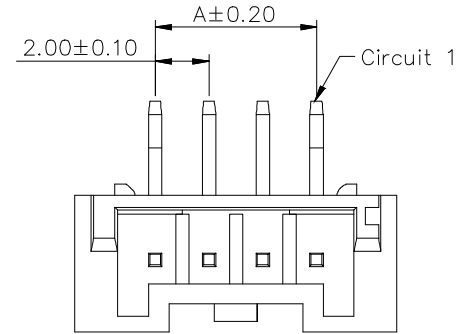
5

6

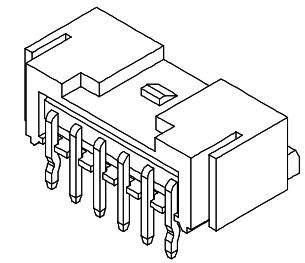
7

A

A



P.C.B LAYOUT



NOTE:

- 1.MATERIAL
  - 1.1 Insulator:Nylon 6T,UL94V-0,Ivory
  - 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

B

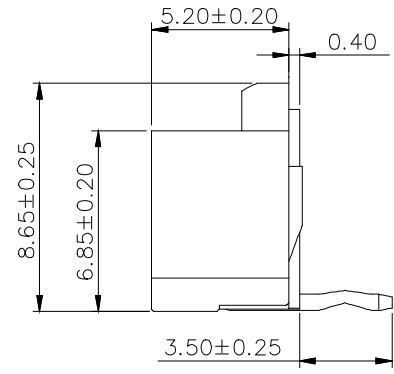
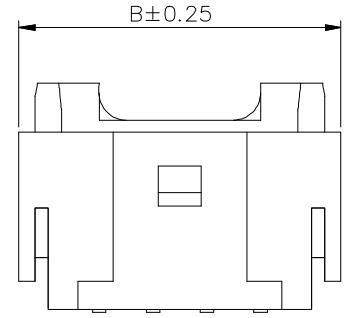
B

C

C

D

D



Poles	Part No.	Dimensions (mm)	
		A	B
02	A-WBP-K015EA-02TB01	2.00	8.00
03	A-WBP-K015EA-03TB01	4.00	10.00
04	A-WBP-K015EA-04TB01	6.00	12.00
05	A-WBP-K015EA-05TB01	8.00	14.00
06	A-WBP-K015EA-06TB01	10.00	16.00
07	A-WBP-K015EA-07TB01	12.00	18.00
08	A-WBP-K015EA-08TB01	14.00	20.00
09	A-WBP-K015EA-09TB01	16.00	22.00
10	A-WBP-K015EA-10TB01	18.00	24.00
11	A-WBP-K015EA-11TB01	20.00	26.00
12	A-WBP-K015EA-12TB01	22.00	28.00
13	A-WBP-K015EA-13TB01	24.00	30.00
14	A-WBP-K015EA-14TB01	26.00	32.00
15	A-WBP-K015EA-15TB01	28.00	34.00
16	A-WBP-K015EA-16TB01	30.00	36.00

E

E

F

F

G

G

RoHS compliant  
unit:mm  
  
① File No.: E198287

Scale	Free	Date	Name		
TOLERANCE		Drawn	01.10.2022	Peter	
X.	±0.35	Approved	03.15.2023	Peter	
X.X	±0.25				
X.XX	±0.20				
X.XXX	±0.15	① Add UL E-No. on page 1,2,3,4,6	03.15.2023	Peter	
DIM	TOL	② Drawn	01.10.2022	Peter	
Angle	TOL	Id.	modification	Date	Name



Description: Wire to Board Wafer  
Pitch 2.00mm 90° THT

ASSMANN WSW-NO.  
**A-WBP-K015EA-xxTB01**

Drawing-No.  
**ASS 9187 CO** rev01

Customer-No.  
SHEET 3 / 9

H

H

1

2

3

4

5

6

7

1

2

3

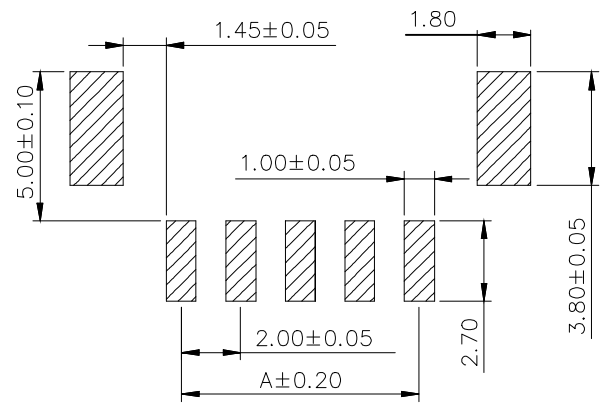
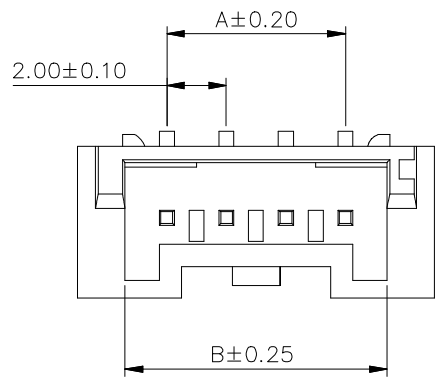
4

5

6

7

A



P.C.B LAYOUT

NOTE:

- 1.MATERIAL
  - 1.1 Insulator:Nylon 6T,UL94V-0,Ivory
  - 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:Reel

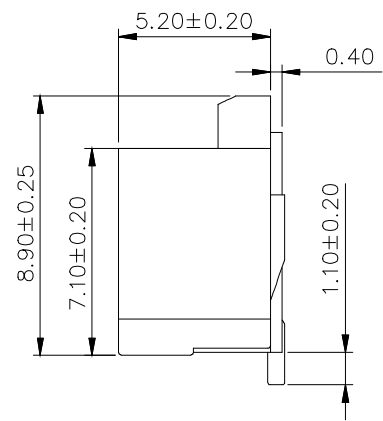
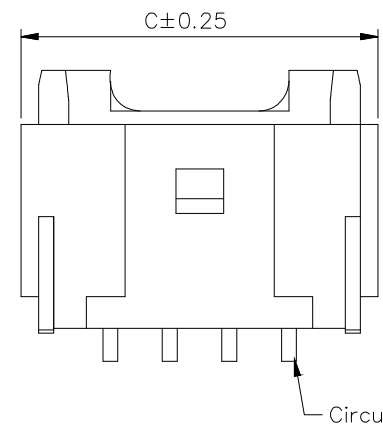
B

C

D

E

F



Poles	Part No.	Dimensions (mm)		
		A	B	C
02	A-WBP-K015EA-02SR01	2.00	4.50	8.00
03	A-WBP-K015EA-03SR01	4.00	6.50	10.00
04	A-WBP-K015EA-04SR01	6.00	8.50	12.00
05	A-WBP-K015EA-05SR01	8.00	10.50	14.00
06	A-WBP-K015EA-06SR01	10.00	12.50	16.00
07	A-WBP-K015EA-07SR01	12.00	14.50	18.00
08	A-WBP-K015EA-08SR01	14.00	16.50	20.00
09	A-WBP-K015EA-09SR01	16.00	18.50	22.00
10	A-WBP-K015EA-10SR01	18.00	20.50	24.00
11	A-WBP-K015EA-11SR01	20.00	22.50	26.00
12	A-WBP-K015EA-12SR01	22.00	24.50	28.00
13	A-WBP-K015EA-13SR01	24.00	26.50	30.00
14	A-WBP-K015EA-14SR01	26.00	28.50	32.00
15	A-WBP-K015EA-15SR01	28.00	30.50	34.00
16	A-WBP-K015EA-16SR01	30.00	32.50	36.00

G

RoHS compliant  
unit:mm  
  
① 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

①	Add UL E-No. on page 1,2,3,4,6	03.15.2023	Peter
②	Drawn	01.10.2022	Peter
Id.	modification	Date	Name

Date  
Name  
Description: Wire to Board Wafer  
Pitch 2.00mm 90° SMT  
Drawn  
01.10.2022  
Peter  
Approved  
03.15.2023  
Peter

Description: Wire to Board Wafer Pitch 2.00mm 90° SMT	
ASSMANN WSW-NO. A-WBP-K015EA-xxSR01	
Drawing-No.	rev01
ASS 9187 CO	
Customer-No.	SHEET 4 / 9

H

1

2

3

4

5

6

7

A

B

C

D

E

F

G

H

1

2

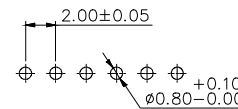
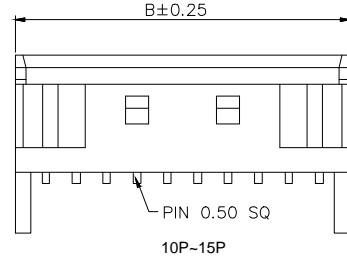
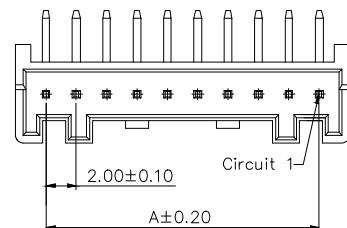
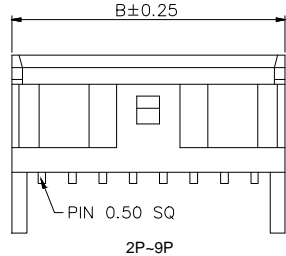
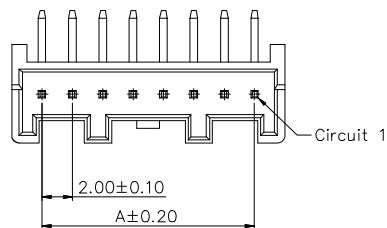
3

4

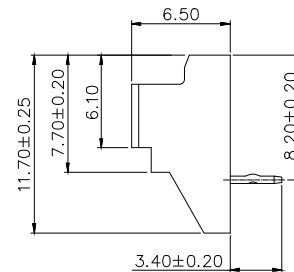
5

6

7



P.C.B LAYOUT



## NOTE:

## 1.MATERIAL

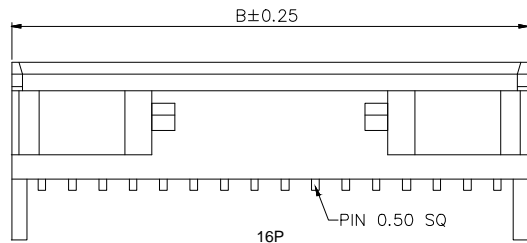
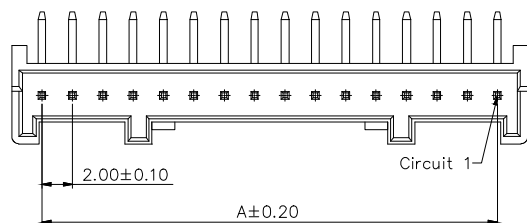
- 1.1 Insulator:Nylon 66,UL94V-0,White
- 1.2 Contact:Brass,Tin over Nickel

## 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



Poles	Part No.	Dimensions (mm)	
		A	B
02	A-WBP-K015EA-02TB02	2.00	6.00
03	A-WBP-K015EA-03TB02	4.00	8.00
04	A-WBP-K015EA-04TB02	6.00	10.00
05	A-WBP-K015EA-05TB02	8.00	12.00
06	A-WBP-K015EA-06TB02	10.00	14.00
07	A-WBP-K015EA-07TB02	12.00	16.00
08	A-WBP-K015EA-08TB02	14.00	18.00
09	A-WBP-K015EA-09TB02	16.00	20.00
10	A-WBP-K015EA-10TB02	18.00	22.00
11	A-WBP-K015EA-11TB02	20.00	24.00
12	A-WBP-K015EA-12TB02	22.00	26.00
13	A-WBP-K015EA-13TB02	24.00	28.00
14	A-WBP-K015EA-14TB02	26.00	30.00
15	A-WBP-K015EA-15TB02	28.00	32.00
16	A-WBP-K015EA-16TB02	30.00	34.00

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

Id.

modification

Date

Name

Date

Name

Date

Name

Date

Name

Description: Wire to Board Wafer  
Pitch 2.00mm 90° THT

ASSMANN WSW-NO.

A-WBP-K015EA-xxTB02

Drawing-No.

ASS 9187 CO

Customer-No.

SHEET  
5 / 9

1

2

3

4

5

6

7

1

2

3

4

5

6

7

A

B

C

D

E

F

A

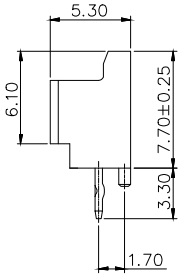
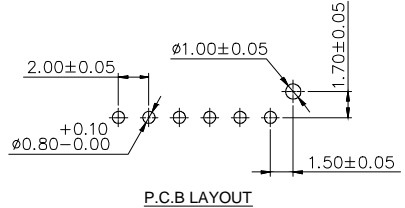
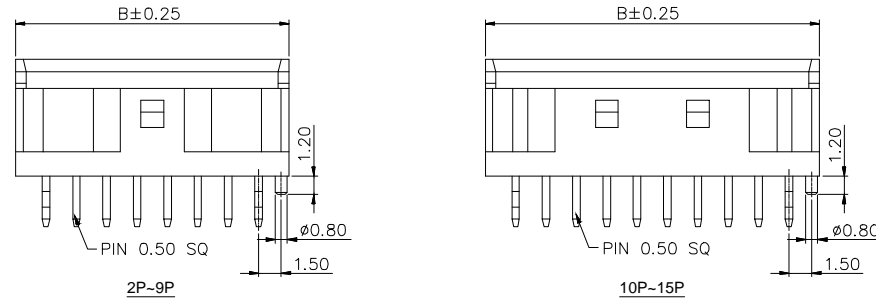
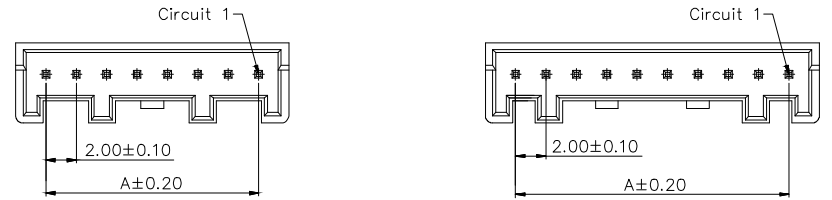
B

C

D

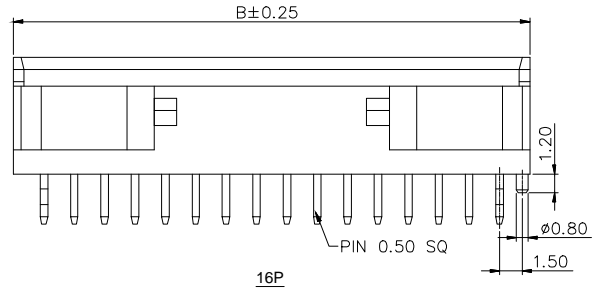
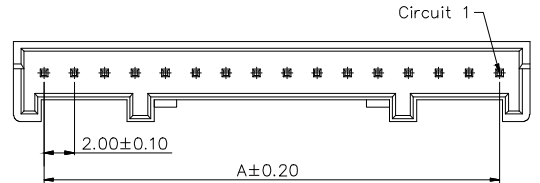
E

F



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



Poles	Part No.	Dimensions (mm)	
		A	B
02	A-WBP-K015EG-02TB03	2.00	6.00
03	A-WBP-K015EG-03TB03	4.00	8.00
04	A-WBP-K015EG-04TB03	6.00	10.00
05	A-WBP-K015EG-05TB03	8.00	12.00
06	A-WBP-K015EG-06TB03	10.00	14.00
07	A-WBP-K015EG-07TB03	12.00	16.00
08	A-WBP-K015EG-08TB03	14.00	18.00
09	A-WBP-K015EG-09TB03	16.00	20.00
10	A-WBP-K015EG-10TB03	18.00	22.00
11	A-WBP-K015EG-11TB03	20.00	24.00
12	A-WBP-K015EG-12TB03	22.00	26.00
13	A-WBP-K015EG-13TB03	24.00	28.00
14	A-WBP-K015EG-14TB03	26.00	30.00
15	A-WBP-K015EG-15TB03	28.00	32.00
16	A-WBP-K015EG-16TB03	30.00	34.00

G

H

RoHS compliant  
unit:mm

① 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

①	Add UL E-No. on page 1,2,3,4,6	03.15.2023	Peter
②	Drawn	01.10.2022	Peter
Id.	modification	Date	Name



Description: Wire to Board Wafer Pitch 2.00mm 180° THT	
ASSMANN WSW-NO. <b>A-WBP-K015EG-xxTB03</b>	
Drawing-No. <b>ASS 9187CO</b>	rev01
Customer-No.	SHEET 6 / 9

1

2

3

4

5

6

7

G

H

1

2

3

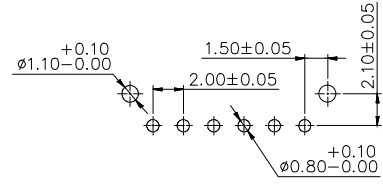
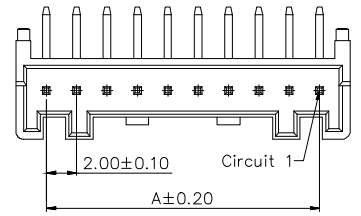
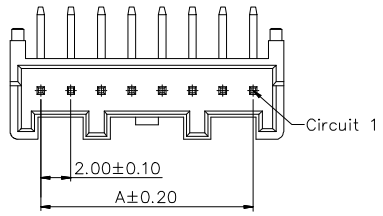
4

5

6

7

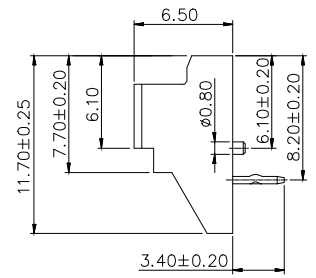
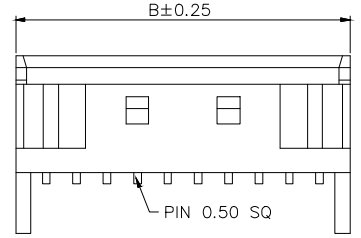
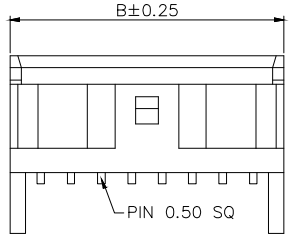
A



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

B

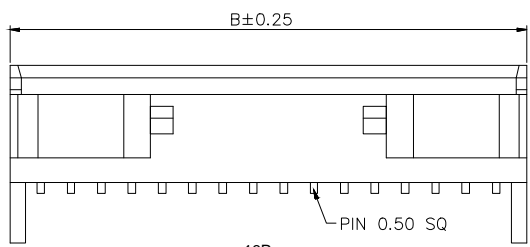
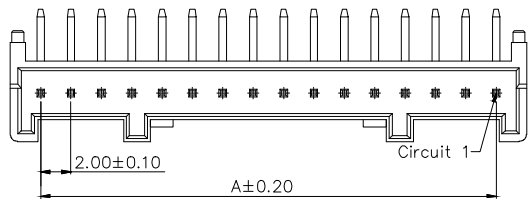


C

2P-9P

10P-15P

D



16P

E

F

Poles	Part No.	Dimensions (mm)	
		A	B
02	A-WBP-K015EA-02TB03	2.00	6.00
03	A-WBP-K015EA-03TB03	4.00	8.00
04	A-WBP-K015EA-04TB03	6.00	10.00
05	A-WBP-K015EA-05TB03	8.00	12.00
06	A-WBP-K015EA-06TB03	10.00	14.00
07	A-WBP-K015EA-07TB03	12.00	16.00
08	A-WBP-K015EA-08TB03	14.00	18.00
09	A-WBP-K015EA-09TB03	16.00	20.00
10	A-WBP-K015EA-10TB03	18.00	22.00
11	A-WBP-K015EA-11TB03	20.00	24.00
12	A-WBP-K015EA-12TB03	22.00	26.00
13	A-WBP-K015EA-13TB03	24.00	28.00
14	A-WBP-K015EA-14TB03	26.00	30.00
15	A-WBP-K015EA-15TB03	28.00	32.00
16	A-WBP-K015EA-16TB03	30.00	34.00

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

①	Add UL E-No. on page 1,2,3,4,6	03.15.2023	Peter
②	Drawn	01.10.2022	Peter
Id.	modification	Date	Name

Date: 01.10.2022  
Name: Peter  
Drawn

Date: 03.15.2023  
Name: Peter  
Approved

Description: Wire to Board Wafer  
Pitch 2.00mm 90° THT

ASSMANN WSW-NO.  
**A-WBP-K015EA-xxTB03**

Drawing-No.  
**ASS 9187 CO**  
rev01

Customer-No.  
SHEET 7 / 9

H

1

2

3

4

5

6

7

A

B

C

D

E

F

G

H

1

2

3

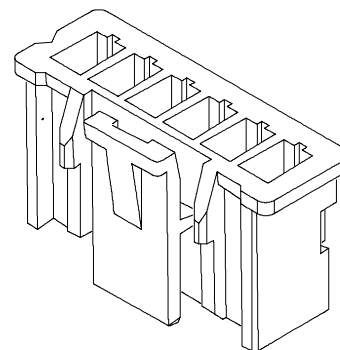
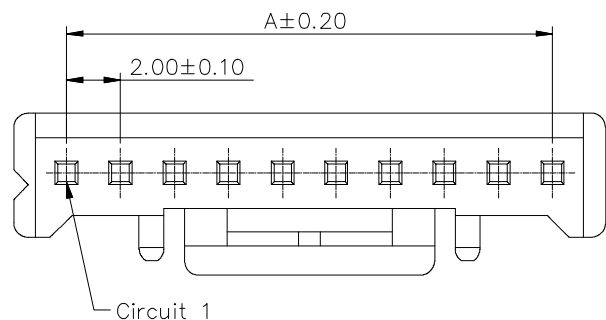
4

5

6

7

A

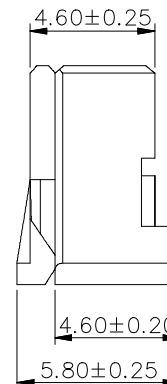
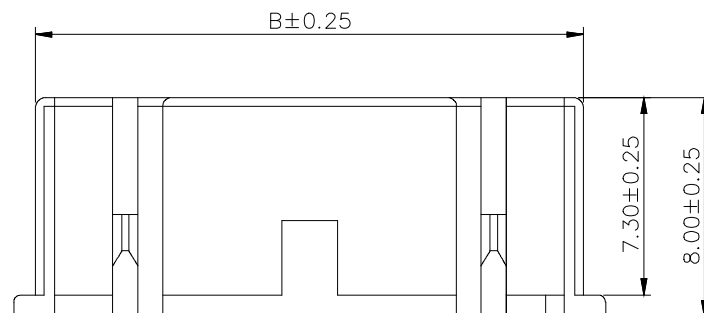
**NOTE:**

- 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

B

C

D



E

F

Poles	Part No.	Dimensions (mm)	
		A	B
02	A-WBH-K015EG-02CB01	2.00	4.30
03	A-WBH-K015EG-03CB01	4.00	6.30
04	A-WBH-K015EG-04CB01	6.00	8.30
05	A-WBH-K015EG-05CB01	8.00	10.30
06	A-WBH-K015EG-06CB01	10.00	12.30
07	A-WBH-K015EG-07CB01	12.00	14.30
08	A-WBH-K015EG-08CB01	14.00	16.30
09	A-WBH-K015EG-09CB01	16.00	18.30
10	A-WBH-K015EG-10CB01	18.00	20.30
11	A-WBH-K015EG-11CB01	20.00	22.30
12	A-WBH-K015EG-12CB01	22.00	24.30
13	A-WBH-K015EG-13CB01	24.00	26.30
14	A-WBH-K015EG-14CB01	26.00	28.30
15	A-WBH-K015EG-15CB01	28.00	30.30
16	A-WBH-K015EG-16CB01	30.00	32.30

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

①

Add UL E-No. on page 1,2,3,4,6  
03.15.2023 Peter

②

Drawn 01.10.2022 Peter

Id.

modification Date Name

Date

Name

Drawn

01.10.2022

Peter

Approved

03.15.2023

Peter

Description: Wire to Board Housing  
Pitch 2.00mm

ASSMANN WSW-NO.

A-WBH-K015EG-xxCB01

Drawing-No.

ASS 9187 CO

rev01

Customer-No.

SHEET  
8 / 9

1

2

3

4

5

6

7

H

A

B

C

D

E

F

G

H



1

2

3

4

5

6

7

A

A

B

B

C

C

D

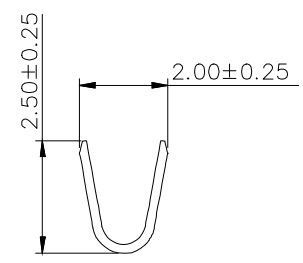
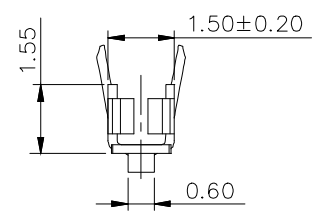
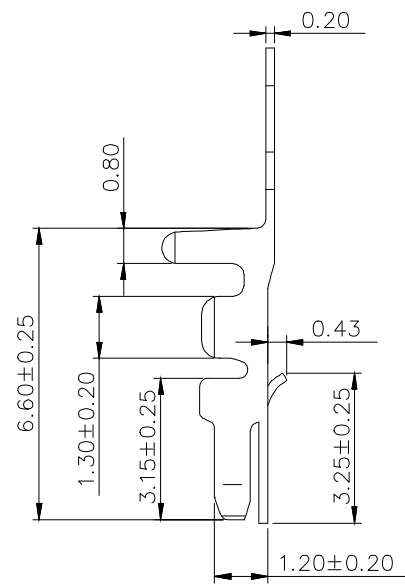
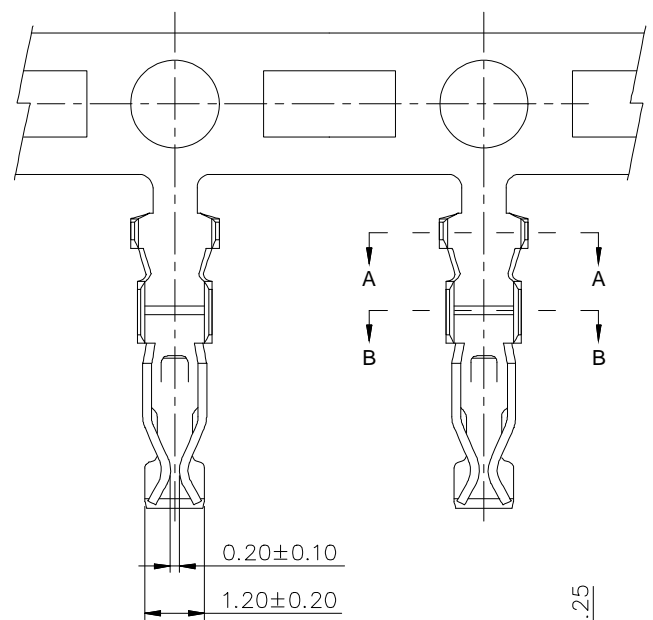
D

E

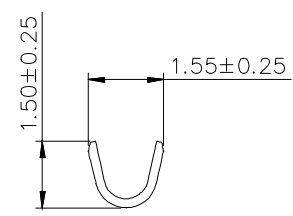
E

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
- 5.Packing:Reel

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

①	Add UL E-No. on page 1,2,3,4,6	03.15.2023	Peter
②	Drawn	01.10.2022	Peter
Id.	modification	Date	Name

Date	Name	Description: Wire to Board Terminal Pitch 2.00mm
Drawn	Peter	
Approved	Peter	ASSMANN WSW-NO.
		<b>A-WBT-K015EG-01CR03</b>
Drawing-No.		ASS 9187 CO
Customer-No.		

**ASSMANN**  
WSW components

rev01	SHEET 9/9

H

H

1

2

3

4

5

6

7