

1 2 3 4 5 6 7

A

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D

E

F

A

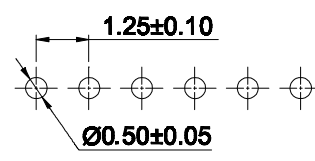
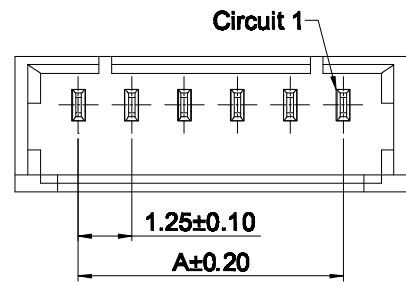
B

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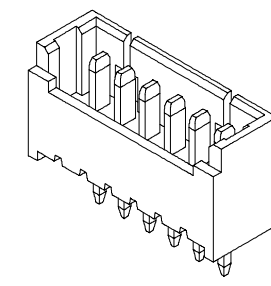
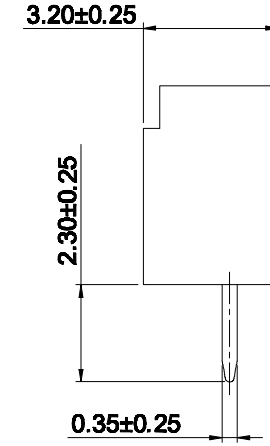
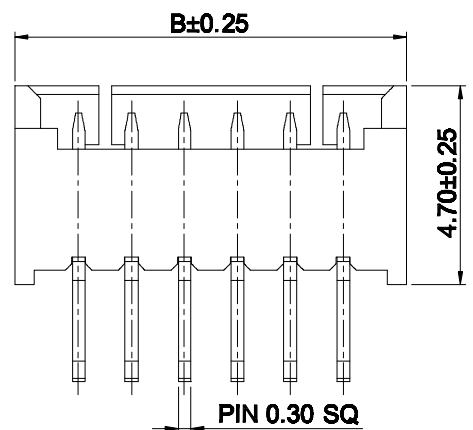
F



P.C.B LAYOUT

NOTES:

- 1.Housing Material: Nylon 66 UL94V-0, Ivory
- 2.Contact Pin : Phosphor Bronze, Tin plated over Nickel
- 3.Voltage Rating: 125V AC,DC
- 4.Current Rating: 1A AC,DC
- 5.Withstanding Voltage: 500V AC/minute
- 6.Insulation Resistance: 100MΩ Min
- 7.Temperature Range: -40°C to +105°C
- 8.Packing: PE bag



Poles	Dimensions (mm)	
	A	B
02	1.25	4.30
03	2.50	5.55
04	3.75	6.80
05	5.00	8.05
06	6.25	9.30
07	7.50	10.55
08	8.75	11.80
09	10.00	13.05
10	11.25	14.30
11	12.50	15.55
12	13.75	16.80
13	15.00	18.05
14	16.25	19.30
15	17.50	20.55
16	18.75	21.80
17	20.00	23.05
18	21.25	24.30
19	22.50	25.55
20	23.75	26.80

G

H

**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 the page 4,7,8	01.19.2022	Peter
②	Drawn	08.07.2021	Segal
Id.	Modification	Date	Name



Description: Wire-to-board wafer / 1.25mm / 180°	
ASSMANN WSW-No. A-WBP-D002EG-xxTB01	
Drawing-No.	ASS 8995 CO
Replace	rev01
Sheet	1/8

1 2 3 4 5 6 7

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A

B

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A

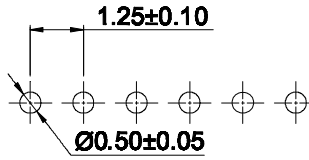
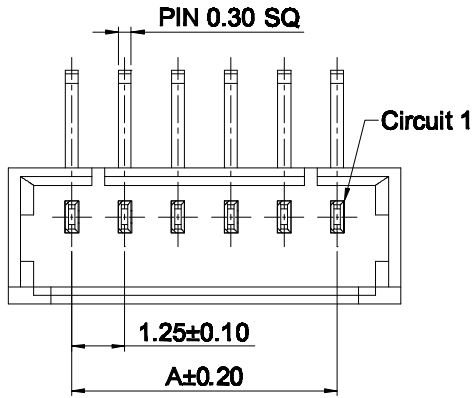
B

C

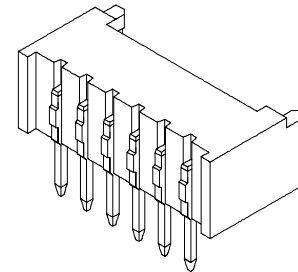
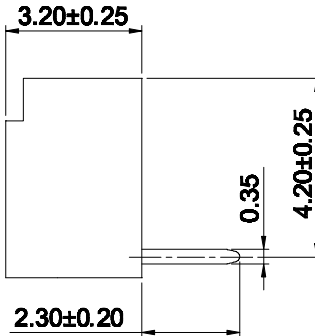
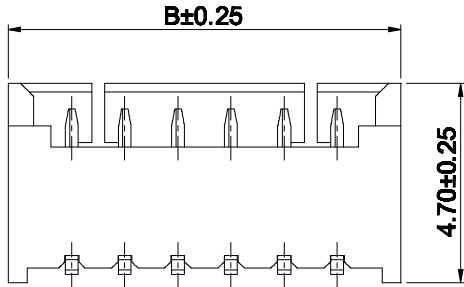
D

E

F



P.C.B LAYOUT



NOTES:

- 1.Housing Material: Nylon 66 UL94V-0, Ivory
- 2.Contact Pin : Phosphor Bronze, Tin plated over Nickel
- 3.Voltage Rating: 125V AC,DC
- 4.Current Rating: 1A AC,DC
- 5.Withstanding Voltage: 500V AC/minute
- 6. Insulation Resistance: 100MΩ Min
- 7. Temperature Range: -40°C to +105°C
- 8.Packing: PE bag

Poles	Dimensions (mm)	
	A	B
02	1.25	4.30
03	2.50	5.55
04	3.75	6.80
05	5.00	8.05
06	6.25	9.30
07	7.50	10.55
08	8.75	11.80
09	10.00	13.05
10	11.25	14.30
11	12.50	15.55
12	13.75	16.80
13	15.00	18.05
14	16.25	19.30
15	17.50	20.55
16	18.75	21.80
17	20.00	23.05
18	21.25	24.30
19	22.50	25.55
20	23.75	26.80

G

H

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 the page 4,7,8

01.19.2022

Peter

②

Drawn

08.07.2021

Segal

Id.

Modification

Date

Name



Date	Name
08.07.2021	Segal
01.19.2022	Peter

Description: Wire-to-board wafer / THT / 1.25mm / 90°

ASSMANN WSW-No. A-WBP-D002EA-xxTB01

Drawing-No. ASS 8995 CO rev01

Replace Sheet 2/8

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SV5083

1 2 3 4 5 6 7

A

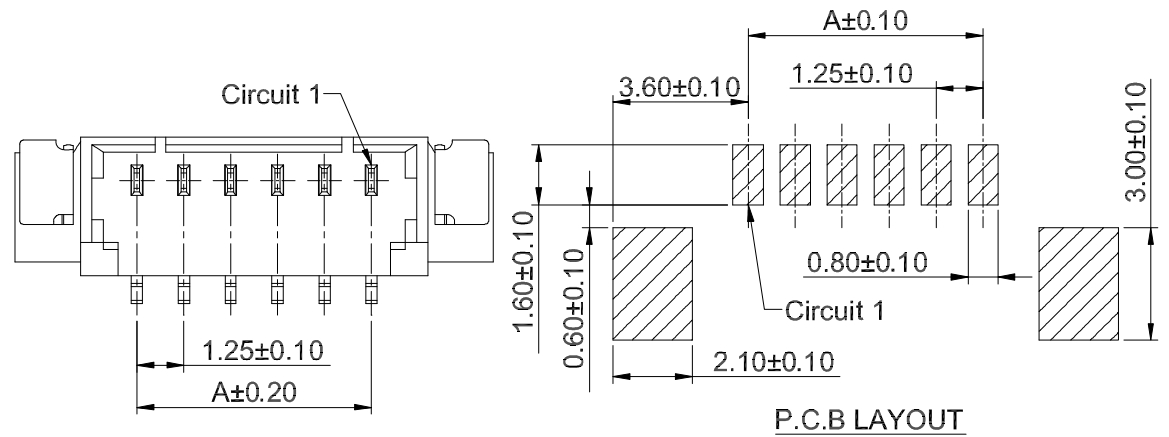
A

B

B

C

C

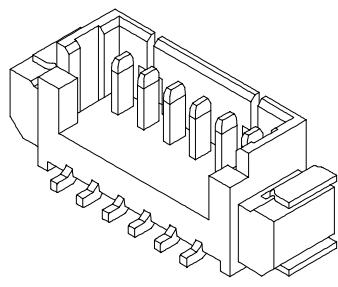
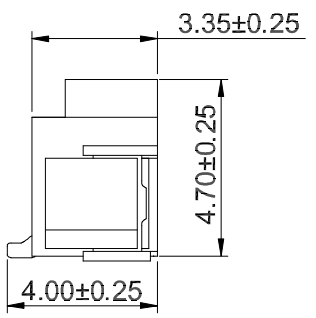
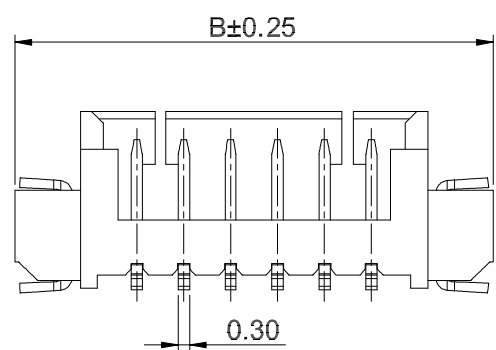


- NOTES:**
- 1.Housing Material: Nylon 6T UL94V-0, Ivory
  - 2.Contact Pin : Phosphor Bronze, Tin plated over Nickel
  3. Solder Tabs: Phosphor Bronze, Tin plated over Nickel
  - 4.Voltage Rating: 125V AC,DC
  - 5.Current Rating: 1A AC,DC
  - 6.Withstanding Voltage: 500V AC/minute
  - 7.Insulation Resistance: 100MΩ Min
  - 8.Temperature Range: -40°C to +105°C
  - 9.Packing: Reel

**P.C.B LAYOUT**

D

D



Poles	Dimensions (mm)	
	A	B
02	1.25	7.75
03	2.50	9.00
04	3.75	10.25
05	5.00	11.50
06	6.25	12.75
07	7.50	14.00
08	8.75	15.25
09	10.00	16.50
10	11.25	17.75
11	12.50	19.00
12	13.75	20.25
13	15.00	21.50
14	16.25	22.75
15	17.50	24.00
16	18.75	25.25
17	20.00	26.50
18	21.25	27.75
19	22.50	29.00
20	23.75	30.25

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 the page 4,7,8	01.19.2022	Peter
②	Drawn	08.07.2021	Segal
Id.	Modification	Date	Name



Description: Wire-to-board wafer / SMT / 1.25mm / 180°	
ASSMANN WSW-No. A-WBP-D002EG-xxSR01	
Drawing-No.	ASS 8995 CO
Replace	rev01
Sheet	3/8

H

H

1 2 3 4 5 6 7

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A

A

B

B

C

C

D

D

E

E

F

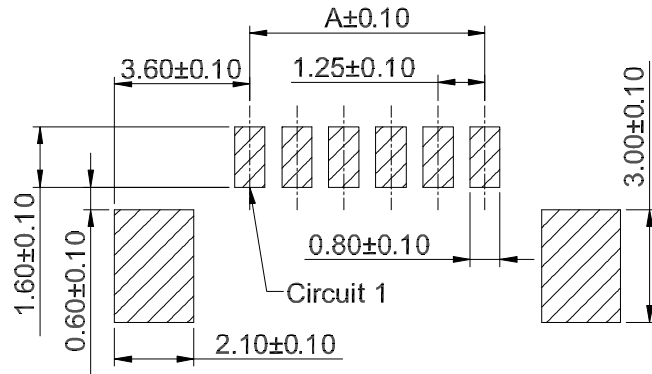
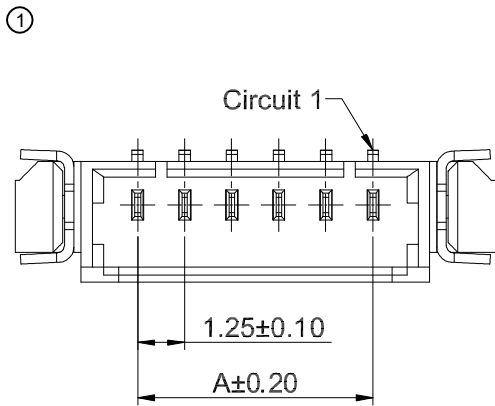
F

G

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H

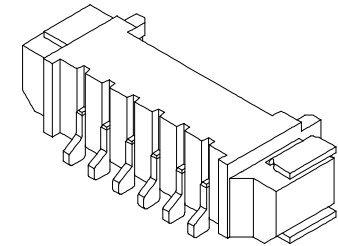
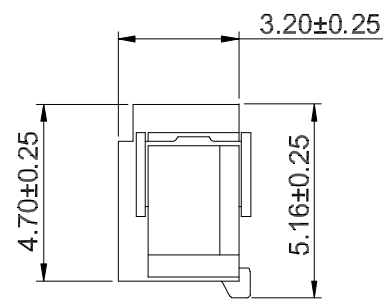
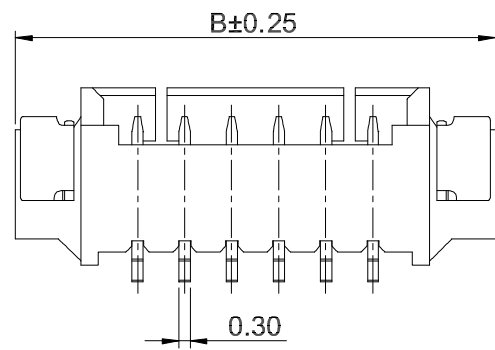
H



P.C.B LAYOUT

NOTES:

- 1.Housing Material: Nylon 6T UL94V-0, Ivory
- 2.Contact Pin : Phosphor Bronze, Tin plated over Nickel
- 3. Solder Tabs: Phosphor Bronze, Tin plated over Nickel
- 4.Voltage Rating: 125V AC,DC
- 5.Current Rating: 1A AC,DC
- 6.Withstanding Voltage: 500V AC/minute
- 7.Insulation Resistance: 100MΩ Min
- 8.Temperature Range: -40°C to +105°C
- 9.Packing: Reel



Poles	Dimensions (mm)	
	A	B
02	1.25	7.75
03	2.50	9.00
04	3.75	10.25
05	5.00	11.50
06	6.25	12.75
07	7.50	14.00
08	8.75	15.25
09	10.00	16.50
10	11.25	17.75
11	12.50	19.00
12	13.75	20.25
13	15.00	21.50
14	16.25	22.75
15	17.50	24.00
16	18.75	25.25
17	20.00	26.50
18	21.25	27.75
19	22.50	29.00
20	23.75	30.25

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 the page 4,7,8	01.19.2022	Peter
②	Drawn	08.07.2021	Segal
ld.	Modification	Date	Name

Drawn 08.07.2021 Segal

Approved 01.19.2022 Peter

Description: Wire-to-board wafer / SMT / 1.25mm / 90°	
ASSMANN WSW-No. A-WBP-D002EA-xxSR01	
Drawing-No. ASS 8995 CO	rev01
Replace	Sheet 4/8

1

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A

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F

A

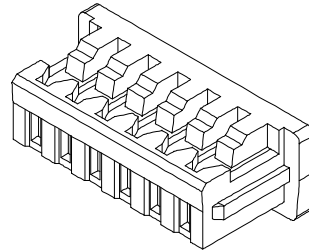
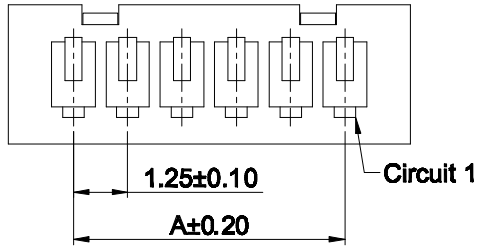
B

C

D

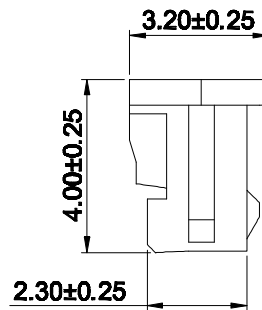
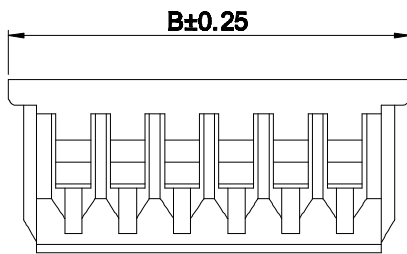
E

F



**NOTES:**

- 1.Housing Material: Nylon 66 UL94V-0, White
- 2.Voltage Rating: 125V AC,DC
- 3.Current Rating: 1A AC,DC
- 4.Withstanding Voltage: 500V AC/minute
- 5.Insulation Resistance: 100MΩ Min
- 6.Temperature Range: -40°C to +105°C
- 7.Packing: PE bag



Poles	Dimensions (mm)	
	A	B
02	1.25	4.25
03	2.50	5.50
04	3.75	6.75
05	5.00	8.00
06	6.25	9.25
07	7.50	10.50
08	8.75	11.75
09	10.00	13.00
10	11.25	14.25
11	12.50	15.50
12	13.75	16.75
13	15.00	18.00
14	16.25	19.25
15	17.50	20.50
16	18.75	21.75
17	20.00	23.00
18	21.25	24.25
19	22.50	25.50
20	23.75	26.75

G

H

G

H

**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 the page 4,7,8	01.19.2022	Peter
②	Drawn	08.07.2021	Segal
Id.	Modification	Date	Name



Drawn	08.07.2021	Segal
Approved	01.19.2022	Peter

Description: Wire-to-board housing / 1.25mm / 180°	
ASSMANN WSW-No. A-WBH-D002EG-xxCB01	
Drawing-No. ASS 8995 CO	rev01
Replace	Sheet 5/8

1

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1 2 3 4 5 6 7

A

B

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D

E

F

A

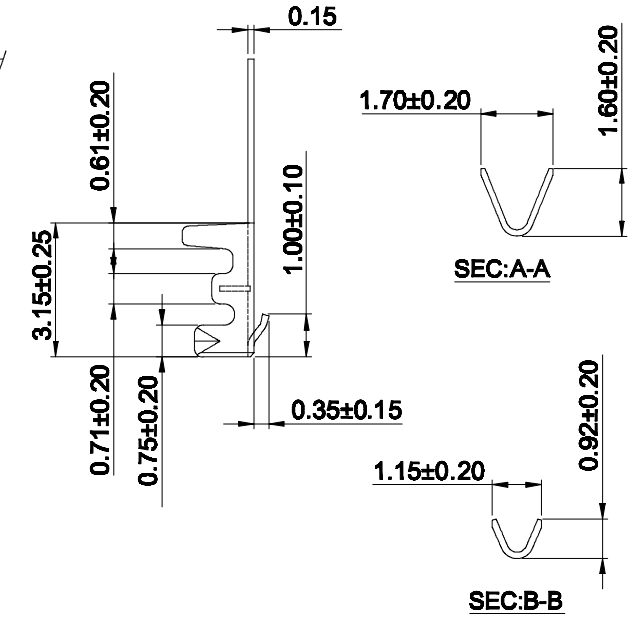
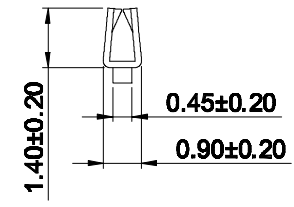
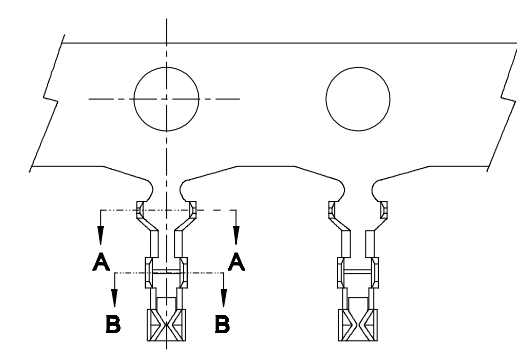
B

C

D

E

F



- NOTES:**
- 1. Material: Phosphor Bronze, Tin Plated over Nickel
  - 2. Voltage Rating: 125V AC,DC
  - 3. Current Rating: 1A AC,DC
  - 4. Withstanding Voltage: 500V AC/minute
  - 5. Insulation Resistance: 100MΩ Min
  - 6. Temperature Range: -40°C to +105°C
  - 7. Contact Resistance: 20mΩ Max
  - 8. Applicable Wire: AWG#28-#32, Insulation OD 1.0mm Max
  - 9. Packing: Reel

G

H

G

H

**RoHS compliant**  
Unit: mm

Scale	Free					Date	Name	
TOLERANCE						Drawn	08.07.2021	Segal
X.	±0.35					Approved	01.19.2022	Peter
X.X	±0.25							
X.XX	±0.20							
X.XXX	±0.15	①	Add the page 4,7,8	01.19.2022	Peter			
DIM	TOL	②	Drawn	08.07.2021	Segal			
Angle	TOL	Id.	Modification	Date	Name			

Description: Wire-to-board terminal / 1.25mm / 180°	
ASSMANN WSW-No. A-WBT-D002EG-01CR01	
Drawing-No.	rev01
ASS 8995 CO	Sheet 6/8
Replace	

1 2 3 4 5 6 7

1

2

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4

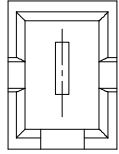
5

6

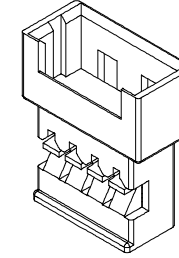
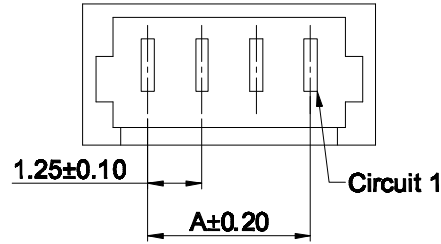
7

A

①



B



## NOTES:

- 1.Housing Material: Nylon 66 UL94V-0, White  
 2.Voltage Rating: 125V AC,DC  
 3.Current Rating: 1A AC,DC  
 4.Withstanding Voltage: 500V AC/minute  
 5.Insulation Resistance: 100MΩ Min  
 6.Temperature Range: -40°C to +105°C  
 7.Packing: PE bag

A

C

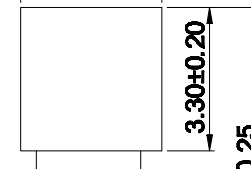
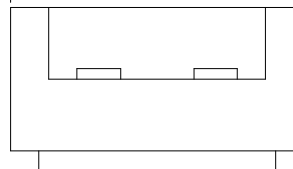
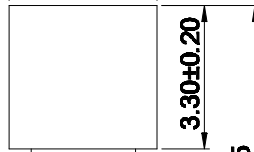
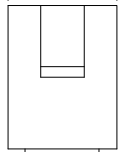
B±0.25

3.40±0.25

B±0.25

3.25±0.25

D



E

F

1P

2P~20P

Poles	Dimensions (mm)	
	A	B
01	—	2.50
02	1.25	4.25
03	2.50	5.50
04	3.75	6.75
05	5.00	8.00
06	6.25	9.25
07	7.50	10.50
08	8.75	11.75
09	10.00	13.00
10	11.25	14.25
11	12.50	15.50
12	13.75	16.75
13	15.00	18.00
14	16.25	19.25
15	17.50	20.50
16	18.75	21.75
17	20.00	23.00
18	21.25	24.25
19	22.50	25.50
20	23.75	26.75

D

E

F

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

Id.	Modification	Date	Name
①	Add the page 4,7,8	01.19.2022	Peter
②	Drawn	08.07.2021	Segal

Date

Name

Drawn

08.07.2021

Segal

Approved

01.19.2022

Peter

Description: Wire-to-board housing / 1.25mm

ASSMANN WSW-No.  
A-WBH-D002EG-xxCB02

Drawing-No.

ASS 8995 CO

rev01

Replace

Sheet  
7/8

H

G

H

1

2

3

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7

SV5083

1

2

3

4

5

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7

A

A

B

B

C

C

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D

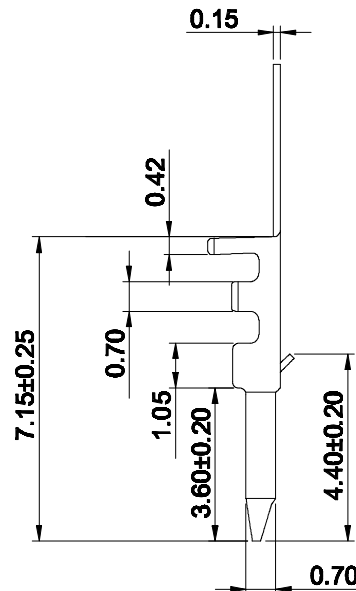
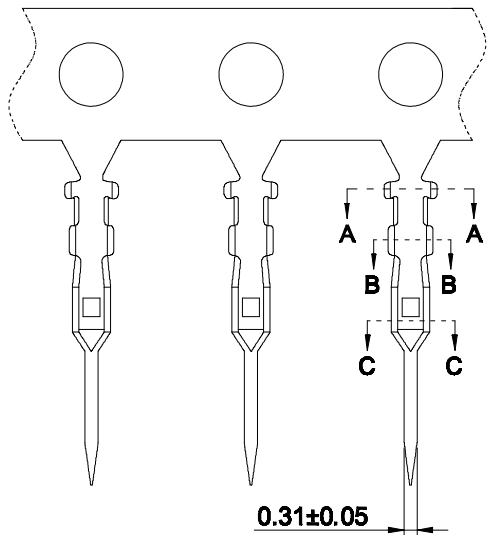
E

E

F

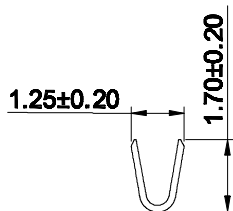
F

①

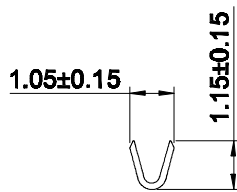


NOTES:

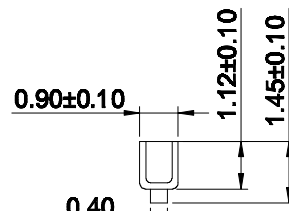
- 1.Material: Phosphor Bronze, Tin Plated over Nickel
- 2.Voltage Rating: 125V AC,DC
- 3.Current Rating: 1A AC,DC
- 4.Withstanding Voltage: 500V AC/minute
- 5.Insulation Resistance: 100MΩ Min
- 6.Temperature Range: -40°C to +105°C
- 7.Contact Resistance: 20mΩ Max
- 8.Applicable Wire: AWG#28-#32, Insulation OD 1.0mm Max
- 9.Packing: Reel



SEC:A-A



SEC:B-B



SEC:C-C

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 the page 4,7,8

01.19.2022

Peter

②

Drawn

08.07.2021

Segal

Id.

Modification

Date

Name



Drawn	Date	Name
Approved	Date	Name

Description: Wire-to-board terminal / 1.25mm	
ASSMANN WSW-No. A-WBT-D002EG-01CR02	
Drawing-No.	rev01
ASS 8995 CO	Sheet 8/8
Replace	

H

H

1

2

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7