

NOTES:

MATERIAL

- 1.Pin(outer sleeve): Brass, machined CuZn38Pb2
- ③ 2.Clip(contact 4 finger): Beryllium copper, heat treated
- 3.Plating(outer sleeve): HZL: 2um/80u"nickel, 5um/200u"Tin
HGL: 2um/80u"nickel, Gold flash
- 4.Plating(contact): 2um/80u"nickel, Gold flash or 10u", 30u" Gold
- 5.Insulator Material: Glass filled PBT, UL94V-0 Black

ELECTRICAL

- 1.Current Rating: 3Amps/contact max.
- 2.Contact Resistance: 4mΩ/contact max.
- ③ 3.Insulation Resistance: 1000MΩ min. at V=100V
- ③ 4.Operating Voltage: 60VAC/DC

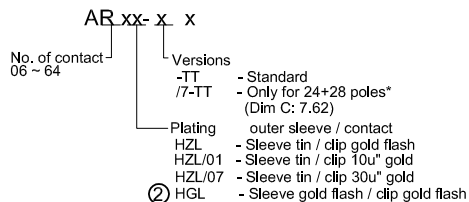
MECHANICAL

- 1.Average Insertion force with steel pin of $\varnothing 0.43\text{mm}/0.017''$: <math>< 250\text{g}</math>
- 2.Average Withdrawal force with steel pin of $\varnothing 0.43\text{mm}/0.017''$: >50g min.
- 3.Mechanical life cycle: 200 min.
- 4.Operation Temperature: -40°C to +105°C
- 5.Soldering temperature: +220°C, 10s max.

Packing: Tube

Contact	Dim A	Dim B	Dim C	Dim D	Note③
06	7.62	5.08	7.62	10.16	w/o bar
08	10.16	7.62	7.62	10.16	
10	12.70	10.16	7.62	10.16	
14	17.78	15.24	7.62	10.16	
16	20.32	17.78	7.62	10.16	
18	22.86	20.32	7.62	10.16	with bar
20	25.40	22.86	7.62	10.16	
22	27.94	25.40	10.16	12.70	
24*	30.48	27.94	7.62	10.16	
24	30.48	27.94	15.24	17.78	
28*	35.56	33.02	7.62	10.16	
28	35.56	33.02	15.24	17.78	
32	40.64	38.10	15.24	17.78	

Order Code:



RoHS compliant
Unit:mm

Scale	Free					Date	Name	Customer-No.
TOLERANCE						Drawn	23.07.2012	Lucas
X.	±0.50							
X.X	±0.30	③	Update to new drawing	28.10.2016	Amy	Approved	28.10.2016	Amy
X.XX	±0.20	②	Add "HGL"-Version, corrected P/N code	28.01.2014	A. Plate			
X.XXX	±0.10	①	Add sheet 2	16.08.2012	Lucas			
DIM	TOL	①	Drawn	23.07.2012	Lucas			
Angle	±5°	①						
Angle	TOL	Id.	Modification	Date	Name			

Drawing-No.		ASS 4852 CO	rev03
Replace			
Customer-No.		AR xx-x x	
ASSMANN WSW-No.		AR xx-x x	
Sheet		1 / 2	

1

2

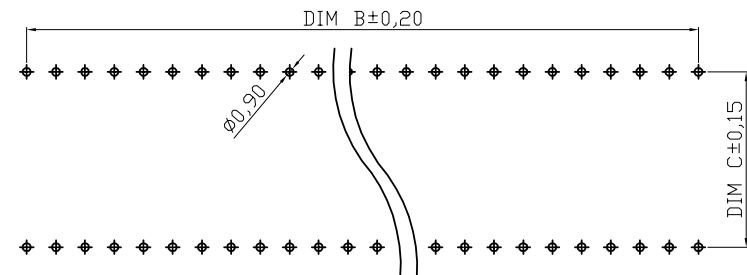
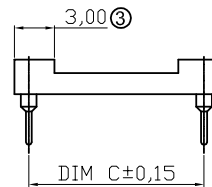
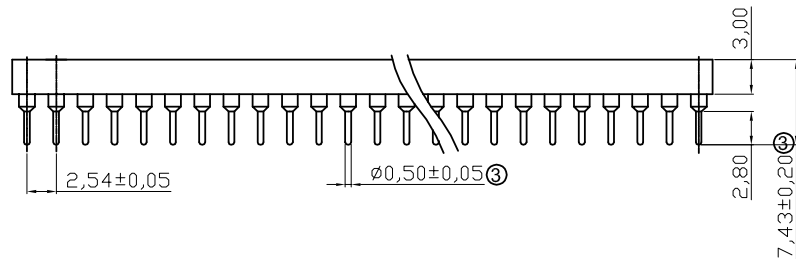
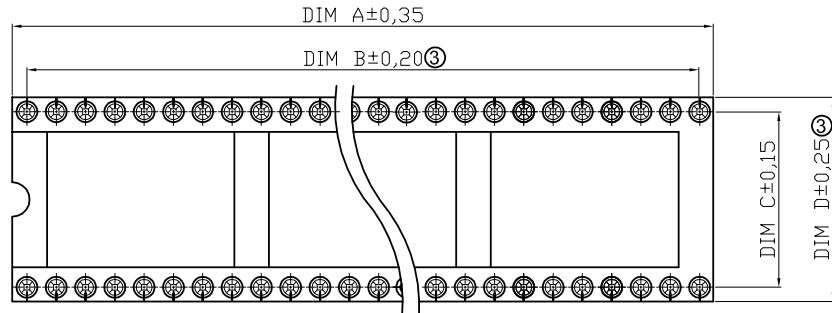
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6

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PCB LAYOUT

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- ④ 4.Operating Voltage: 60VAC/DC

MECHANICAL


- 1.Average Insertion force with steel pin of $\phi 0.43\text{mm}/0.017\text{"}$: <250g
- 2.Average Withdrawal force with steel pin of $\phi 0.43\text{mm}/0.017\text{"}$: >50g min.
- 3.Mechanical life cycle: 200 min.
- 4.Operation Temperature: -40°C to +105°C
- 5.Soldering temperature: +220°C, 10s max.

Packing: Tube

Contact	Dim A	Dim B	Dim C	Dim D
36	45.72	43.18	15.24	17.78
40	50.80	48.26	15.24	17.78
42	53.34	50.80	15.24	17.78
48	60.96	58.42	15.24	17.78
50	63.50	60.96	15.24	17.78
52	66.04	63.50	15.24	17.78
50	63.50	60.96	22.86	25.40
52	66.04	63.50	22.86	25.40
64	81.28	78.74	22.86	25.40

RoHS compliant

Unit:mm

Scale	Free					Date	Name	Customer-No.
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Angle	±5°							
Angle	TOL	Id.	Modification	Date	Name			

Drawing-No.		AR xx-x x	
		ASSMANN WSW-No.	
ASS 4852 CO		rev03	
Replace		Sheet 2 / 2	

1

2

3

4

5

6

7

A

B

C

D

E

F

G

H

A

B

C

D

E

F

G

H

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2

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