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C

D

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G

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A

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C

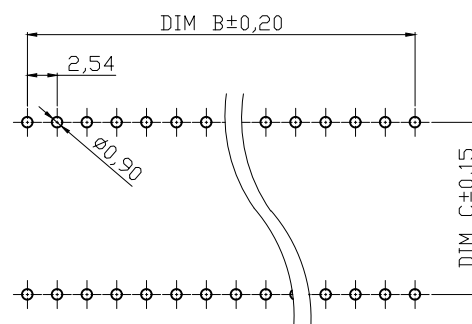
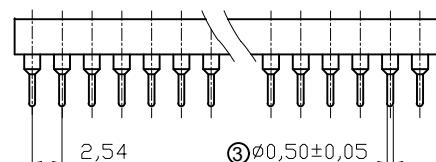
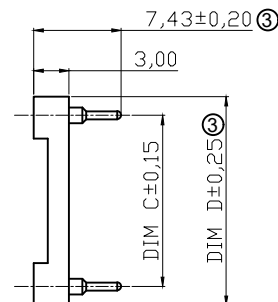
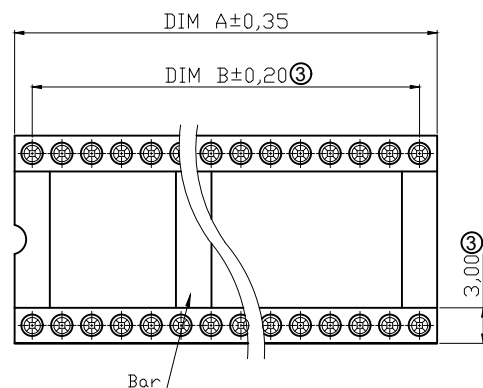
D

E

F

G

H



PCB LAYOUT

NOTES:

MATERIAL

⑥ 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.

⑥ 3.Insulation Resistance: ≥1000MΩ at 100VAC

⑥ 4.Operating Voltage: 60V AC/DC

MECHANICAL

⑥ 1.Average Insertion force with steel pin of

φ0.43mm/0.017": 4 finger<250gf

⑥ 2.Average Withdrawal force with steel pin of

φ0.43mm/0.017": 4 finger>25gf.

3.Mechanical life cycle: 200 min.

4.Operation Temperature: -40°C to +105°C

⑥ ④ 5.Wave Soldering temperature: +220°C, 5-10s max.

Packing: Tube

Contact	Dim A	Dim B	Dim C	Dim D	Note ③
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	
⑤ 22*	27.94	25.40	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:

AR xx-x x

No. of contact
06 ~ 64

Versions

-TT

/7-TT

- Standard

- Only for 22+24+28 poles* ⑤

(Dim C: 7.62)

Plating

HZL

HZL/01

HZL/07

② HGL

outer sleeve / contact

- Sleeve tin / clip gold flash

- Sleeve tin / clip 10u" gold

- Sleeve tin / clip 30u" gold

- Sleeve gold flash / clip gold flash

RoHS compliant

Unit:mm

Scale	Free	⑥	Update	04.06.2026	Segal		Date	Name	Customer-No.
TOLERANCE		⑤	Add the 22 Pin series drawing	08.08.2019	Segal	Drawn	23.07.2012	Lucas	ASSMANN WSW-No. AR xx-x x
X.	±0.50	④	Update wave solder temp.	16.08.2017	Amy	Approved	04.06.2026	Segal	
X.X	±0.30	③	Update to new drawing	28.10.2016	Amy				
X.XX	±0.20	②	Add "HGL"-Version,corrected P/N code	28.01.2014	A. Plate				Drawing-No.
X.XXX	±0.10	①	Add sheet 2	16.08.2012	Lucas				ASS 4852 CO
DIM	TOL	Id.	Modification	Date	Name	A company of	Replace	Sheet	rev06
Angle	±5°								1 / 2
Angle	TOL								

1

2

3

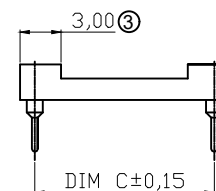
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Technical drawing of a mechanical part, likely a cross-section of a pipe or tube. The drawing shows a central hole with a diameter of $\varnothing 0.90$. The outer profile is curved, and the inner profile is also curved. The drawing includes a scale bar indicating a length of 100 units. The drawing is labeled with 'DIM C ± 0.15' and '100'.

PCB LAYOUT

RoHS compliant
Unit:mm

Unit:mm

Scale	Free	⑥	Update	04.06.2026	Segal		Date	Name	Customer-No.			
TOLERANCE		⑤	Add the 22 Pin series drawing	08.08.2019	Segal	Drawn	23.07.2012	Lucas				
X.	±0.50											
X.X	±0.30	④	Update wave solder temp.	16.08.2017	Amy	Approved	04.06.2026	Segal	ASSMANN WSW-No.			
X.XX	±0.20	③	Update to new drawing	28.10.2016	Amy				AR xx-x x			
X.XXX	±0.10	②	Add "HGL"-Version,corrected P/N code	28.01.2014	A. Plate				Drawing-No.			
DIM	TOL										ASS 4852 CO	rev06
Angle	±5°	①	Add sheet 2	16.08.2012	Lucas							
Angle	TOL	Id.	Modification	Date	Name	A company of 			Replace	Sheet 2 / 2		

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Packing: Tube

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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
60	76.20	72.66	15.24	17.78
64	81.28	78.74	15.24	17.78