

1

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A

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F

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H

A

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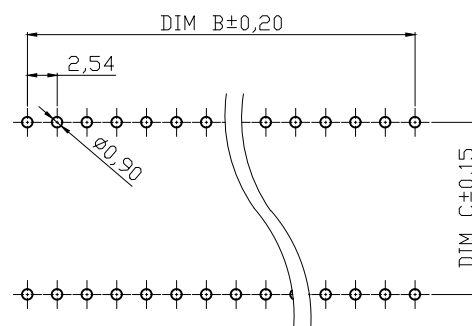
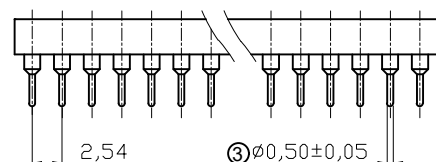
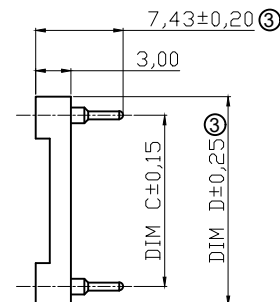
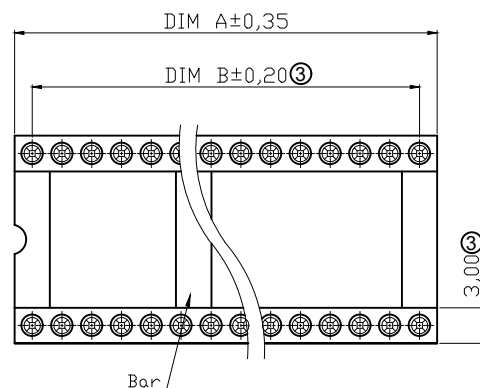
D

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

∅0.43mm/0.017": 4 finger<250gf

⑥ 2.Average Withdrawal force with steel pin of

∅0.43mm/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

TOLERANCE

X. ±0.50

X.X ±0.30

X.XX ±0.20

X.XXX ±0.10

DIM TOL

Angle ±5°

Angle TOL

⑥

Update

04.06.2026

Segal

Date

Name

Customer-No.

⑤

Add the 22 Pin series drawing

08.08.2019

Segal

Drawn

23.07.2012

Lucas

④

Update wave solder temp.

16.08.2017

Amy

Approved

04.06.2026

Segal

ASSMANN WSW-No.

AR xx-x x

③

Update to new drawing

28.10.2016

Amy

Drawing-No.

ASS 4852 CO

rev06

②

Add "HGL"-Version,corrected P/N code

28.01.2014

A. Plate

Replace

Sheet

1 / 2

①

Add sheet 2

16.08.2012

Lucas

Modification

Date

Name

A company of BCS

1

2

3

4

5

6

7

