



P.C.B LAYOUT

No. of positios	DIM "A"	DIM "B"
6	7.62	5.08
8	10.16	7.62
10	12.70	10.16
12	15.24	12.70
14	17.78	15.24
16	20.32	17.78
18	22.86	20.32
20	25.4	22.86
24	30.48	27.94
28	35.56	33.02

NOTES:

MATERIAL

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

ELECTRICAL

- 1.Current Rating: 3Amps/contact max.
- 2.Contact Resistance: 4mΩ/contact max.
- 3.Insulation Resistance: ≥10000MΩ at 100VAC
- 4.Operating Voltage: 60 VRMS/150VDC

MECHANICAL

- 1.Average Insertion force with steel pin of $\phi 0.43\text{mm}/0.017"$: <250g
- 2.Average Withdrawal force with steel pin of $\phi 0.43\text{mm}/0.017"$: >40g min.
- 3.Mechanical life cycle: 200 min.
- 4.Operation Temperature: -40°C to +105°C
- 5.Wave Soldering temperature: +260°C, 0s max.

Packing: Tube

RoHS compliant
Unit:mm

Scale	Free					Date	Name	Customer-No.	
TOLERANCE					Drawn	29.04.2020	Winnie	ASSMANN WSW-No. A-ICS-254-xx-TT50	
X.	±0.50				Approved	23.02.2021	Segal		
X. X	±0.40							Drawing-No. ASS 8587 CO rev01	
X. XX	±0.25								
X. XXX	±0.15	①	Update the pin structure	23.02.2021	Segal	ASSMANN WSW components		Replace	
DIM	TOL	②	Drawn	29.04.2020	Winnie				SHEET
X°	±5°								
Angle	TOL	Id.	Modification	Date	Name				