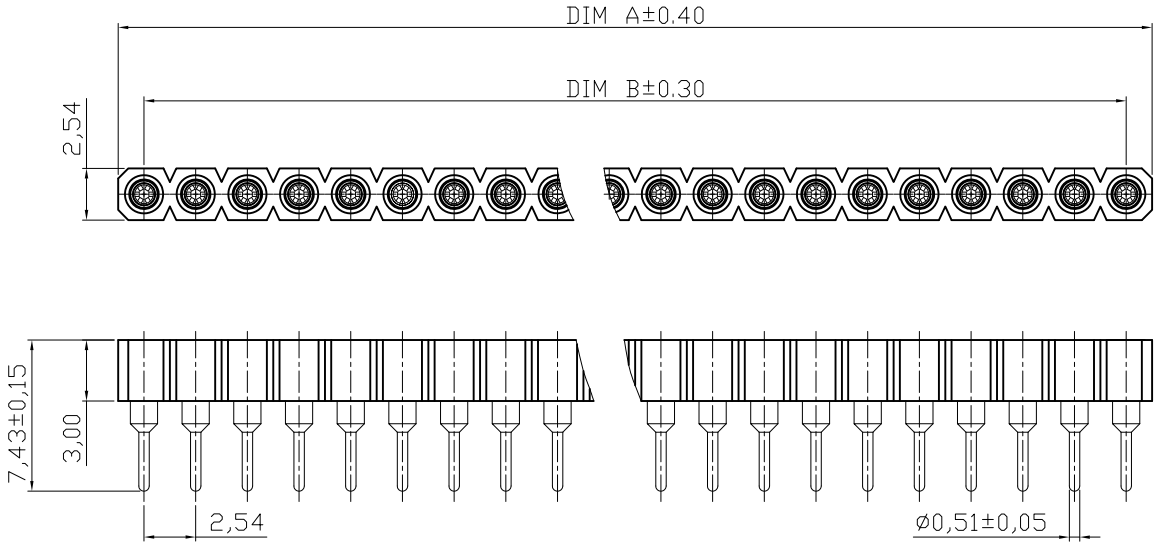

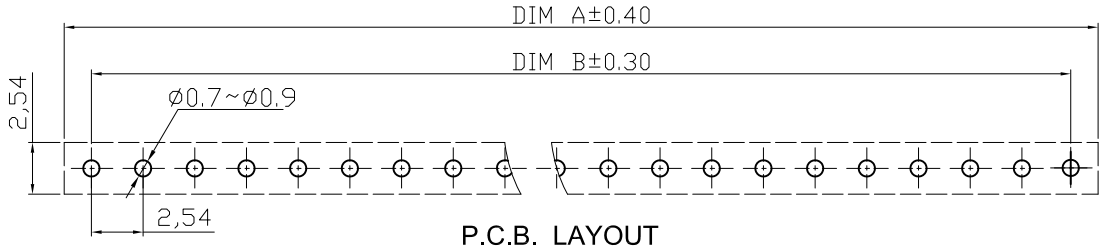

P.C.B. LAYOUT

Material:
- Pin (outer sleeve) : Brass,machined, CuZn38Pb2
- Clip(contact 4 finger) : PHBZ
- Plating(outer sleeve) : Tin plated : 2um/80u"nickel,5um/200u"Tin
- Plating clip(contact): 2um/80 u"nickel,Gold Flash
- Insulator body(black) : Glass filled thermoplastic polyester UL94V-0

Electrical
- Current rating : 3 Amps/contact max.
- Contact resistance : ≦4mΩ /contact
- Insulation resistance : ≧10000MΩ at 500VAC
- Rated voltage : 100 VRMS /150VDC

Mechanical
- Operating temperature : -40°C to +105°C (Continuous)
- Average insertion force with steel pin of: ø0.43mm/0.017" < 250g
- Average withdrawal force with steel pin of ø0.43mm/0.017" >50g
- Mechanical life : min.200

Applications and features:
1. The open frame is most common type.
2. The open body design gives better access (for cleaning and inspections) to air -cooling.
3. Side and end stackable.
4. High retention design prevents IC walkout during heavy vibration.
5. Closed bottom sleeve for 100% anti-wicking of silder.
6. Twist free construction.

Environmental data
- Solderability (IEC 60068-2-20. Ta) :235°C, 2s
- Resistance to soldering heat (IEC 60068-2-20. Tb) :
- -Through hole mount components :260°C, 10s

Contact	Dim A	Dim B	Contact	Dim A	Dim B	Contact	Dim A	Dim B
01	2.54	——	15	38.10	35.56	29	73.66	71.12
02	5.08	2.54	16	40.64	38.10	30	76.20	73.66
03	7.62	5.08	17	43.18	40.64	31	78.74	76.20
04	10.16	7.62	18	45.72	43.18	32	81.28	78.74
05	12.70	10.16	19	48.26	45.72	33	83.82	81.28
06	15.24	12.70	20	50.80	48.26	34	86.36	83.82
07	17.78	15.24	21	53.34	50.80	35	88.90	86.36
08	20.32	17.78	22	55.88	53.34	36	91.44	88.90
09	22.86	20.32	23	58.42	55.88	37	93.98	91.44
10	25.40	22.86	24	60.96	58.42	38	96.52	93.98
11	27.94	25.40	25	63.50	60.96	39	99.06	96.52
12	30.48	27.94	26	66.04	63.50	40	101.60	99.06
13	33.02	30.48	27	68.58	66.04			
14	35.56	33.02	28	71.12	68.58			

RoHS compliant

Scale	1:1
TOLERANCE	
X.	±0.50
X.X	±0.30
X.XX	±0.10
DIM	TOL
X.°	±1°
Angle	TOL

Id.	Modification	Date	Name
③	P/N corrected	23.07.2009	Dean
②	Update	16.12.2008	N.Schulz
①	Drawn	25.05.2007	N.Schulz

	Date	Name
Drawn	25.05.2007	N.Schulz
Approved	23.07.2009	Hellwig

ASSMANN WSW components

Customer-No.

ASSMANN WSW-No.
AW 127-xx/Z-T ③

Drawing-No.
ASS 0212 CO

rev03

Replace

Sheet

SV313