

SIGN	DATE	DESCRIPTION	APPROVER
△	02/13/06	Part No. is changed.	Seamus
THIS IS CAD DRAWING, DO NOT REVISE MANUALLY!!!			

Technical Data

◆ **Material:**
Pin (outer sleeve): Brass, machined, CuZn38Pb2
Clip(contact 4 finger): Beryllium copper, heat treated or PHBZ
Plating(outer sleeve): Tin plated: 2um/80u"nickel, 5um/200u"tin
Gold plated: 2um/80u"nickel, full gold
2um/80 u"nickel, gold or tin plating
Plating clip(contact):
Insulator body(black): Glass filled thermoplastic polyester UL94 V-0

◆ **Electrical**
Current rating: 3 Amps/contact max.
Contact resistance: $\leq 4m\Omega$ /contact
Insulation resistance: $\geq 10000M\Omega$ at 500VAC
Rated voltage: 100 VRMS /150VDC

◆ **Mechanical**
Operating temperature: Gold plated: -55℃ to +125℃
-67℉ to +105℉
Tin plated: -40℃ to +105℃

Average insertion force with steel pin of: $\phi 0.43mm/0.017"$ < 250g
Average withdrawal force with steel pin of $\phi 0.43mm/0.017"$ > 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℃, 2s
Resistance to soldering heat (IEC 60068-2-20. Tb):
-Through hole mount components: 260℃, 10s

SA - XX 0 0 X 0 XXXXG △

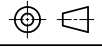
No. of contacts: 01 ~ 40

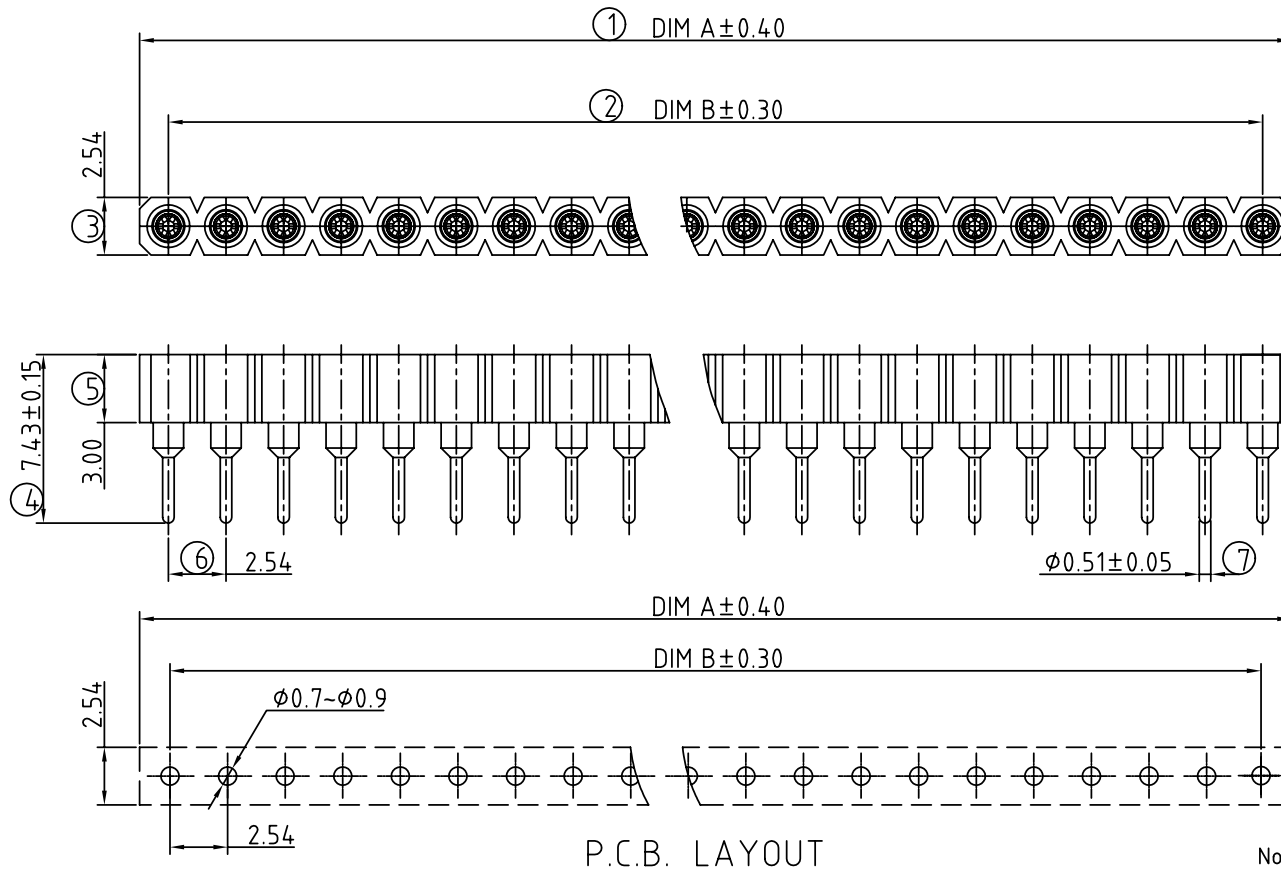
pin plated: Code	Clip plated	Pin plated		
0	Gold Flash	Tin 200u"	0000	Clip BeCu
1	Gold 10u"	Tin 200u"	5QH0	Clip 5210
2	Gold 30u"	Tin 200u"		
3	Tin 200u"	Tin 200u"		
4	Gold flash	Gold flash		
5	Gold 10u"	Gold flash		
6	Gold 30u"	Gold flash		

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TITLE		IC/SKT Single row 7.43mmL finished products series(ROHS)					
PART NO.	SAXX00X0XXXXG			DWG NO.	8SA0101		
APPROVED	CHECKED	DESIGNED	DRAWN	CUST NO.	Tolerance		
		Aaron 2006.01.12	Aaron 2006.01.12			X.	±0.50
						X.X	±0.30
						X.XX	±0.10
						X*	±1*
					SHEET: 01/01	REV.: C	



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			

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