



P.C.B. LAYOUT

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
 - Plating clip(contact): 2um/80 u"nickel, gold or tin plating
 - Insulator body(black): Glass filled thermoplastic polyester UL94V-0
- ◆ Electrical
 - Current rating: 3 Amps/contact max.
 - Contact resistance: ≤4mΩ/contact
 - Insulation resistance: ≥10000MΩat 500VAC
 - Rated voltage: 100 VRMS /150VDC
- ◆ Mechanical
 - Operating temperature: Gold plated:-55°C to +125°C
(Continuous) -67°F to +105°F
Tin plated:-40°Cto +105°C
 - Average insertion force with steel pin of: Φ0.43mm/0.017" < 250g
 - Average withdrawal force with steel pin of Φ 0.43mm/0.017" >50g
 - Mechanical life: min.200
- ◆ Applications and features:
 - The open frame is most common type.
 - The open body design gives better access (for cleaning and inspections) to air -cooling.
 - Side and end stackable.
 - High retention design prevents IC walkout during heavy vibration.
 - Closed bottom sleeve for 100% anti-wicking of silder.
 - 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

SA - XX X 2 X 0 XXXXG △

No. of contacts :06p ~64p

Code	Definition	Clip plated	Pin plated	0000	ROHS
0	7.62/.300"	Gold Flash	Tin 200u"	5QH0	Clip 5210 ROHS
1	10.16/.400"	Gold 10u"	Tin 200u"		
2	15.24/.600"	Gold 30u"	Tin 200u"		
3	22.86/.900"	Tin 200u"	Tin 200u"		
4		Gold flash	Gold flash		
5		Gold 10u"	Gold flash		
6		Gold 30u"	Gold flash		

P/N	Contact	Dim A	Dim B	Dim C	Dim D
SA0630X0XXXXG	6	7.62	5.08	7.62	10.16
SA0830X0XXXXG	8	10.16	7.62	7.62	10.16
SA1030X0XXXXG	10	12.70	10.16	7.62	10.16
SA1430X0XXXXG	14	17.78	15.24	7.62	10.16
SA1630X0XXXXG	16	20.32	17.78	7.62	10.16
SA1830X0XXXXG	18	22.86	20.32	7.62	10.16
SA2030X0XXXXG	20	25.40	22.86	7.62	10.16
SA2462X0XXXXG	24	30.48	27.94	15.24	17.78
SA2862X0XXXXG	28	35.56	33.02	15.24	17.78
SA3262X0XXXXG	32	40.64	38.10	15.24	17.78
SA4262X0XXXXG	40	50.80	48.26	15.24	17.78

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TITLE		IC/SKT SA7.43 mmL finished products series (Open frame w/o bar)			
PART NO.	SAxxx2x0xxxxG	DWG NO.	8SA0019		
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				UNIT: mm	
				SCALE: NONE	
				REV.: C	