



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
- ◆ Electrical
 - Insulator body(black) : Glass filled thermoplastic polyester UL94V-0
 - 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:
 - 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

SA - XX X 1 X 0 XXXX G △

No.of contacts :14p ~42p

Code	Definition	pin plated: Code	Clip plated	Pin plated	0000	ROHS
0		0	Gold Flash	Tin 200u"	5QH0	Clip 5210 ROHS
3	7.62/.300"	1	Gold 10u"	Tin 200u"	18H0	Clip 5218 HY ROHS
4	10.16/.400"	2	Gold 30u"	Tin 200u"		
6	15.24/.600"	3	Tin 200u"	Tin 200u"		
9	22.86/.900"	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
SA1431X0X	14	17.78	15.24	7.62	10.16
SA1631X0X	16	20.32	17.78	7.62	10.16
SA1831X0X	18	22.86	20.32	7.62	10.16
SA2031X0X	20	25.40	22.86	7.62	10.16
SA2431X0X	24	30.48	27.94	7.62	10.16
SA2441X0X	24	30.48	27.94	10.16	12.70
SA2461X0X	24	30.48	27.94	15.24	17.78
SA2861X0X	28	35.56	33.02	15.24	17.78
SA3261X0X	32	40.64	38.10	15.24	17.78
SA3661X0X	36	45.72	43.18	15.24	17.78
SA4061X0X	40	50.80	48.26	15.24	17.78
SA4261X0X	42	53.34	50.80	15.24	17.78

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TITLE		IC/SKT SA 7.43 mL finished products series (Closed frame)			
PART NO.		SAXXX1X0XXXXG		DWG NO.	8SA0010
APPROVED	CHECKED	DESIGNED	DRAWN	CUST NO.	
		Aaron 2006.01.12	Aaron 2006.01.12		
					Tolerance
					X. ±0.50
					X.X ±0.30
					X.XX ±0.10
					X* ±1*