

SIGN	DATE	DESCRIPTION	APPROVER
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**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, 2um/80u"Gold  
 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: 10000MΩat 500VAC  
 Rated voltage: 100 VRMS /150VDC

**Mechanical**  
 Operating temperature: -40° C to +105° C  
 (Continuous) -67° F to +105° F

Average insertion force with steel pin of:  $\pm 0.43\text{mm}/0.017" < 250\text{g}$   
 Average withdrawal force with steel pin of:  $\pm 0.43\text{mm}/0.017" > 50\text{g}$   
 Mechanical life: min. 200 Cycles

**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

**PART NUMBER:**

RoHS Compliant

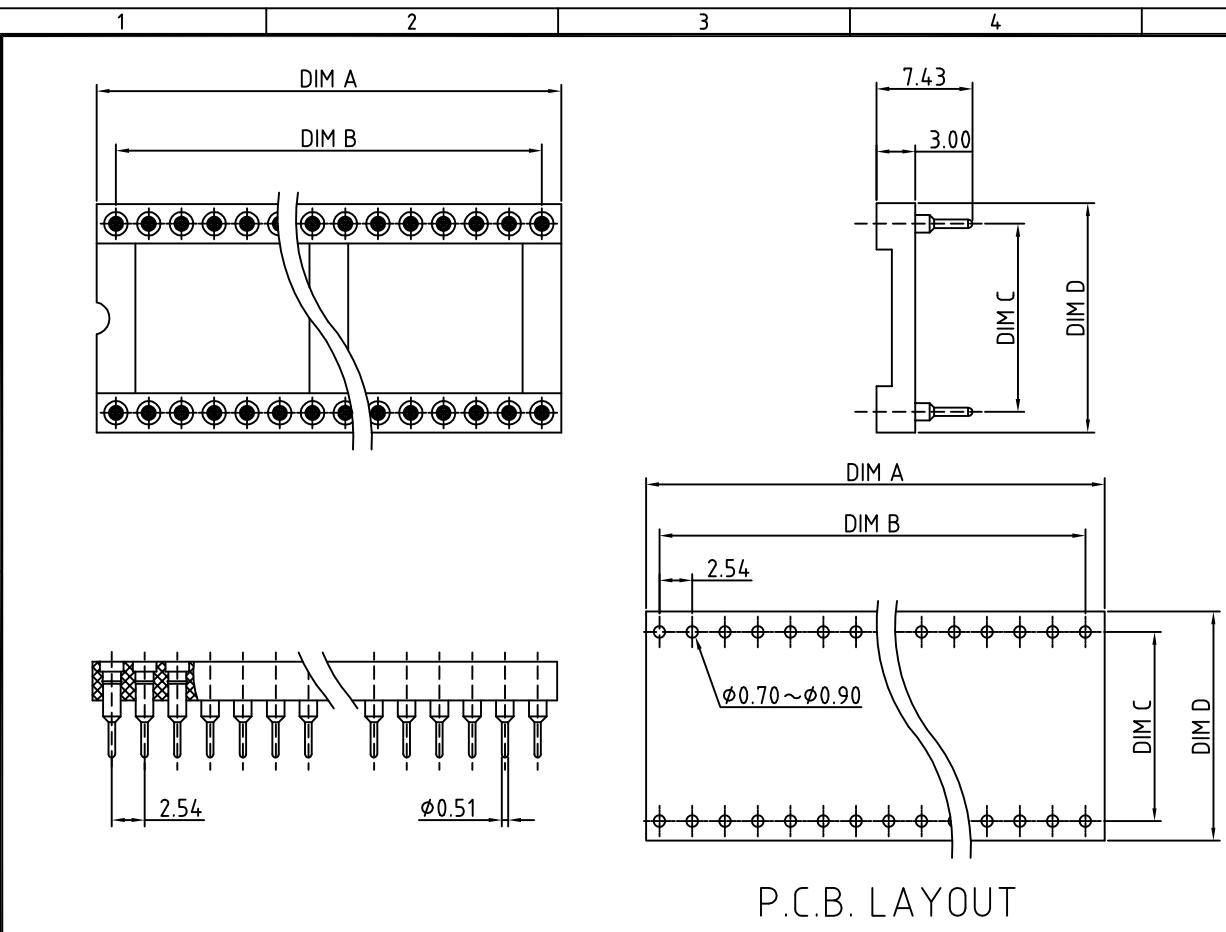
**SAXXX0X0**

No. of Contacts (See chart) ——— Plating  
 0: Tin  
 4: Gold

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**ON-SHORE TECHNOLOGY, INC.**

TITLE: IC/SKT SA 7.43 mmL finished products series ( Open frame )					
PART NO. SAXXX0X0		DWG NO. SAXXX0X0.dwg			
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



P/N	Contact	Dim A	Dim B	Dim C	Dim D	P/N	Contact	Dim A	Dim B	Dim C	Dim D
SA0630X0	6	7.62	5.08	7.62	10.16	SA2460X0	24	30.48	27.94	15.24	17.78
SA0830X0	8	10.16	7.62	7.62	10.16	SA2860X0	28	35.56	33.02	15.24	17.78
SA1030X0	10	12.70	10.16	7.62	10.16	SA3260X0	32	40.64	38.10	15.24	17.78
SA1430X0	14	17.78	15.24	7.62	10.16	SA3660X0	36	45.72	43.18	15.24	17.78
SA1630X0	16	20.32	17.78	7.62	10.16	SA4060X0	40	50.80	48.26	15.24	17.78
SA1830X0	18	22.86	20.32	7.62	10.16	SA4260X0	42	53.34	50.80	15.24	17.78
SA2030X0	20	25.40	22.86	7.62	10.16	SA4860X0	48	60.96	58.42	15.24	17.78
SA2430X0	24	30.48	27.94	7.62	10.16	SA5260X0	52	66.04	63.50	15.24	17.78
SA2830X0	28	35.56	33.02	7.62	10.16	SA6490X0	64	81.28	78.74	22.86	25.40
SA2240X0	22	27.94	25.40	10.16	12.70						

E  
D  
C  
B  
A

E  
D  
C  
B  
A