



P.C.B. LAYOUT

Contact	Dim A	Dim B	Dim C	Dim D
6	7.62	5.08	7.62	10.16
8	10.16	7.62	7.62	10.16
10	12.70	10.16	7.62	10.16
14	17.78	15.24	7.62	10.16
16	20.32	17.78	7.62	10.16
18	22.86	20.32	7.62	10.16
20	25.40	22.86	7.62	10.16
24*	30.48	27.94	7.62	10.16
28*	35.56	33.02	7.62	10.16

Contact	Dim A	Dim B	Dim C	Dim D
24	30.48	27.94	15.24	17.78
28	35.56	33.02	15.24	17.78
32	40.64	38.10	15.24	17.78
36	45.72	43.18	15.24	17.78
40	50.80	48.26	15.24	17.78
42	53.34	50.80	15.24	17.78
48	60.96	58.42	15.24	17.78
50	63.50	60.96	15.24	17.78
52	66.04	63.50	15.24	17.78
50	63.50	60.96	22.86	25.40
52	66.04	63.50	22.86	25.40
64	81.28	78.74	22.86	25.40

SIGN	DATE	DESCRIPTION	APPROVER
Δ		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° C to +105° C

Average insertion force with steel pin of φG0.43mm/0.017" < 250g
Average withdrawal force with steel pin of φG 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 solder.
 - 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

ARXX-X/X-TT-R

Versions:
 - : standard
 * /7 : only for 24+28-poles (Dim C: 7.62)

Plating solder pin:
 HGL : FULL GOLD
 HZL : TIN
 HZL/07 : TIN/Clip 30u" Gold
 HZL/01 : TIN/Clip 10u" Gold

No. of contacts:
 06, 08, 10, 14, 16, 18, 20, 24, 28, 32, 40, 64

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TITLE		IC/SKT SA7.43 mML finished products series (Open frame)		
PART NO.	ARXX-X/X-TT-R	DWG NO.	8SA0001	
APPROVED	CHECKED	DESIGNED	DRAWN	CUST NO.
		Aaron 2005.08.01	Aaron 2005.08.01	
				Tolerance
				X. ±0.50
				X.X ±0.30
				X.XX ±0.10
				X* ±1*
SHEET: 01/01				UNIT: mm SCALE: NONE REV.: B