

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
20	25.40	22.86	10.16	12.70
22	27.94	25.40	10.16	12.70
24	30.48	27.94	10.16	12.70
28	35.56	33.02	10.16	12.70

Contact	Dim A	Dim B	Dim C	Dim D
32	40.64	38.10	10.16	12.70
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

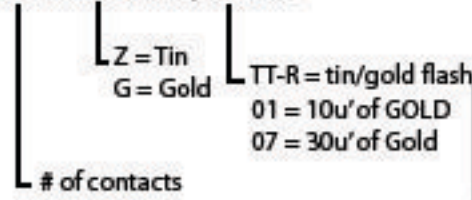
SIGN	DATE	DESCRIPTION	APPROVER
△			

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 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
-67° F to +195° F
Tin plated: -40° C to +105° C
- Average insertion force with steel pin of φ30.43mm/0.017" = 250g
Average withdrawal force with steel pin of φ30.43mm/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 slider.
 - Twist free construction.
- Environmental data:
 - Solderability (IEC 60068-2-20, Ta) :235° C, 2s
 - Resistance to soldering heat (IEC 60068-2-20, Tc) :
-Through hole mount components :260° C, 10s

ARxx-HxL-TT/xx-R



RoHS
Compliant

ASSMANN
Electronic Components

TITLE	IC/SKT SA7.43 mmL finished products series (Open frame)			
PART NO.	ARxx-HxL-TT/xx-R		DWG NO.	85A0001
APPROVED	CHECKED	DESIGNED	DRAWN	CUST NO.
		Aaron 2005.08.01	Aaron 2005.08.01	
SHEET: 01/01				Tolerance
				X. ±0.50
				XX ±0.30
				XXX ±0.10
				X' ±1'

UNIT: mm
SCALE: NONE
REV: B