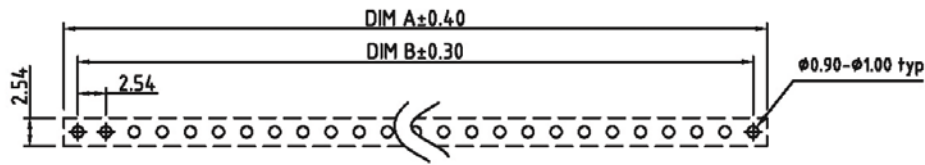


P.C.B LAYOUT



Contact	Dim A	Dim B	Contact	Dim A	Dim B	Contact	Dim A	Dim B
01	2.54	—	15	38.10	35.56	29	73.66	71.12
02	5.08	2.54	16	40.64	38.10	30	76.20	73.66
03	7.62	5.08	17	43.18	40.64	31	78.74	76.20
04	10.16	7.62	18	45.72	43.18	32	81.28	78.74
05	12.70	10.16	19	48.26	45.72	33	83.82	81.28
06	15.24	12.70	20	50.80	48.26	34	86.36	83.82
07	17.78	15.24	21	53.34	50.80	35	88.90	86.36
08	20.32	17.78	22	55.88	53.34	36	91.44	88.90
09	22.86	20.32	23	58.42	55.88	37	93.98	91.44
10	25.40	22.86	24	60.96	58.42	38	96.52	93.98
11	27.94	25.40	25	63.50	60.96	39	99.06	96.52
12	30.48	27.94	26	66.04	63.50	40	101.60	99.06
13	33.02	30.48	27	68.58	66.04			
14	35.56	33.02	28	71.12	68.58			

Materials

- Pin (outer sleeve) : Brass, machined, CuZn38Pb2
- Clip (contact 4 finger) : Beryllium copper, heat treated or PHBZ
- Plating (outer sleeve) : Tin plated : 2µm/80µ"nickel, 5µm/200µ" Tin
- Plating clip (contact) : 2µm/80µ"nickel, Gold
- Insulator body (black) : Glass filled thermoplastic polyester UL94V-0

Electrical

- Current rating : 3 Amps/contact max.
- Contact resistance : Max 4mΩ
- Insulation resistance : Min 10,000mΩ @ 500 V AC
- Operating Voltage : 100 VRMS / 150 V AC

Mechanical

- Operating temperature : Tin plated: -40°C to +105°C
- Average insertion force with steel pin of: 0.43mm/0.017" < 250g
- Average withdrawal force with steel pin of: 0.43mm/0.017" > 50g
- Mechanical life : min.200
- Packaging : Tube

Scale	1:1							Name	Item No.
TOLERANCE								Chappell	ARxx-HZW-TT-R
X.X	±0.40					Drawn	11.07.11		
X.XX	±0.25					Approved			
X.XXX	±0.15								
Angle	±3°								Title IDC-Socket, Wire Wrap, Pitch: 2.54MM, Pin Length: 17.80.MM
									Drawing No.
									rev00
									Replace
									Sheet

