

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
 Plating clip(contact): 2um/80 u"nickel, gold Flash

Electrical
 Current rating: 3 Amps/contact max.
 Contact resistance: 4m /contact
 Rated voltage: 100 VRMS/150VDC

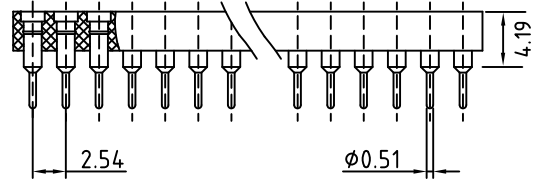
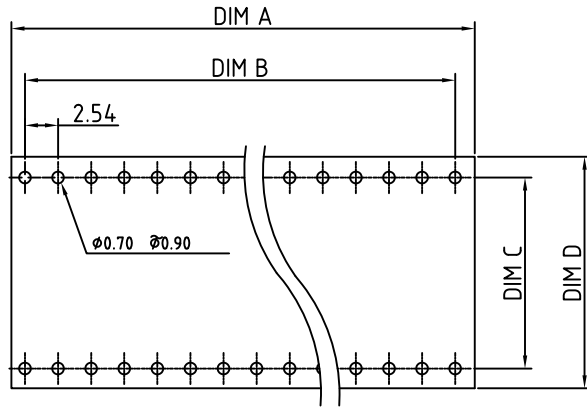
Mechanical
 Operating temperature: -40° C to +105° C
 (Continuous) -67° F to +105° F

Average insertion force with steel pin of: $\pm 0.43\text{mm}/0.017'' \pm 250\text{g}$
 Average withdrawal force with steel pin of: $\pm 0.43\text{mm}/0.017'' \pm 50\text{g}$
 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

RoHS Compliant

- +Biodegradable Carrier
- +Environmentally Friendly
- +Auto Insertable
- +Dissolves in Water: The Wash-Away socket carrier completely dissolves in water as the board is being washed in any of the standard board washing systems.



P.C.B. LAYOUT

×Part Number: Add 1 for .3 spacing on 24(1) and 28(1) contacts

| P/N | Contact | Dim A | Dim B | Dim C | Dim D | P/N | Contact | Dim A | Dim B | Dim C | Dim D |
|-----------|---------|-------|-------|-------|-------|----------|---------|-------|-------|-------|-------|
| WMS-060Z | 06 | 7.62 | 5.08 | 7.62 | 10.16 | WMS-240Z | 24 | 30.48 | 27.94 | 15.24 | 17.78 |
| WMS-080Z | 08 | 10.16 | 7.62 | 7.62 | 10.16 | WMS-280Z | 28 | 35.56 | 33.02 | 15.24 | 17.78 |
| WMS-100Z | 10 | 12.70 | 10.16 | 7.62 | 10.16 | WMS-320Z | 32 | 40.64 | 38.10 | 15.24 | 17.78 |
| WMS-140Z | 14 | 17.78 | 15.24 | 7.62 | 10.16 | WMS-400Z | 40 | 50.80 | 48.26 | 15.24 | 17.78 |
| WMS-160Z | 16 | 20.32 | 17.78 | 7.62 | 10.16 | WMS-420Z | 42 | 53.34 | 50.80 | 15.24 | 17.78 |
| WMS-180Z | 18 | 22.86 | 20.32 | 7.62 | 10.16 | WMS-480Z | 48 | 60.96 | 58.42 | 15.24 | 17.78 |
| WMS-200Z | 20 | 25.40 | 22.86 | 7.62 | 10.16 | WMS-640Z | 64 | 81.28 | 78.74 | 22.86 | 25.40 |
| WMS-2410Z | 24 | 30.48 | 27.94 | 7.62 | 10.16 | | | | | | |
| WMS-2810Z | 28 | 35.56 | 33.02 | 7.62 | 10.16 | | | | | | |

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|----------|----------|---------------------|---------------------|---|---|
| TITLE | | Wash Away IC Socket | | | |
| PART NO. | WMS-XXOZ | DWG NO. | WMS-0Z.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" |
| | | | | UNIT: mm SCALE: NONE SHEET: 01/01 | REV.: D |