



| Aerotrionics Pin Part Number | Pin Type | PCB Tail | | D38999/20 Metal shell | D38999/20 Composite | D38999/24 Metal shell | D38999/24 Composite |
|--------------------------------------|----------|----------|--------|-----------------------|---------------------|-----------------------|---------------------|
| | | O.D. | Length | | | | |
| | | ±0.03 | Ref. | | | | |
| CONTACT EXTENSION ± 0.25 (mm) | | | | | | | |
| 4511-2201-360 | 22D | 0.51 | 10.67 | 8.48 | 8.46 | 8.46 | 7.62 |
| 3511-2202-360 | 22D | 0.38 | 6.10 | 1.32 | 1.30 | 1.30 | 0.46 |
| 3511-2203-360 | 22D | 0.38 | 8.64 | 3.86 | 3.84 | 3.84 | 3.00 |
| 3511-2204-360 | 22D | 0.38 | 11.18 | 6.40 | 6.38 | 6.38 | 5.54 |
| 4511-2205-360 | 22D | 0.48 | 13.72 | 8.94 | 8.92 | 8.92 | 8.08 |
| 3511-2205-360 | 22D | 0.48 | 13.72 | 8.94 | 8.92 | 8.92 | 8.08 |
| 4511-2206-360 | 22D | 0.51 | 13.67 | 13.18 | 13.16 | 13.16 | 12.32 |
| 4511-2207-360 | 22D | 0.48 | 5.89 | 5.44 | 5.41 | 5.41 | 4.57 |
| 4511-2208-360 | 22D | 0.64 | 6.22 | 9.14 | 9.12 | 9.12 | 8.28 |
| 4511-2210-360 | 22D | 0.51 | 11.10 | 6.68 | 6.65 | 6.65 | 5.82 |
| 4511-2211-360 | 22D | 0.48 | 6.76 | 4.57 | 4.55 | 4.55 | 3.71 |
| 4511-2212-360 | 22D | 0.51 | 9.02 | 3.61 | 3.58 | 3.58 | 2.74 |
| 4511-2213-360 | 22D | 0.53 | 8.76 | 8.31 | 8.28 | 8.28 | 7.44 |
| 4511-2214-360 | 22D | 0.48 | 3.68 | 3.25 | 3.23 | 3.23 | 2.39 |
| 4511-2215-360 | 22D | 0.53 | 7.19 | 6.73 | 6.71 | 6.71 | 5.87 |
| 4511-2221-360 | 22D | 0.51 | 7.19 | 26.26 | 26.24 | 26.24 | 25.40 |
| 4511-2223-360 | 22D | 0.64 | 9.27 | 11.56 | 11.53 | 11.53 | 10.69 |
| 4511-2225-360 | 22D | 0.48 | 12.50 | 10.36 | 10.34 | 10.34 | 9.50 |
| 4511-2230-360 | 22D | 0.51 | 5.59 | 0.97 | 0.94 | 0.94 | NONE |
| 4511-2231-360 | 22D | 0.51 | 10.34 | 5.97 | 5.94 | 5.94 | 5.11 |
| 4511-2232-360 | 22D | 0.51 | 11.43 | 5.54 | 5.51 | 5.51 | 4.67 |
| 4511-2233-360 | 22D | 0.51 | 11.18 | 5.23 | 5.21 | 5.21 | 4.37 |
| 4511-2234-360 | 22D | 0.51 | 7.04 | 2.67 | 2.64 | 2.64 | 1.80 |
| 4511-2236-360 | 22D | 0.48 | 4.57 | 4.14 | 4.11 | 4.11 | 3.28 |
| 4511-2237-360 | 22D | 0.76 | 19.38 | 15.06 | 15.04 | 15.04 | 14.20 |
| 4511-2241-360 | 22D | 0.71 | 3.99 | 5.64 | 5.61 | 5.61 | 4.78 |
| 4511-2243-360 | 22D | 0.48 | 3.99 | 5.00 | 4.98 | 4.98 | 4.14 |
| 3511-2250-360 | 22D | 0.48 | 13.82 | 11.76 | 11.73 | 11.73 | 10.90 |
| 4511-2251-360 | 22D | 0.48 | 5.99 | 10.19 | 10.16 | 10.16 | 9.32 |
| 4511-2252-360 | 22D | 0.48 | 5.21 | 18.52 | 18.49 | 18.49 | 17.65 |
| 3511-2253-360 | 22D | 0.48 | 12.70 | 15.16 | 15.14 | 15.14 | 14.30 |
| 4511-2254-360 | 22D | 0.64 | 3.68 | 6.68 | 6.65 | 6.65 | 5.82 |
| 3511-2255-360 | 22D | 0.64 | 11.30 | 14.35 | 14.33 | 14.33 | 13.49 |
| 4511-2256-360 | 22D | 0.64 | 8.76 | 11.81 | 11.79 | 11.79 | 10.95 |
| 4511-2257-360 | 22D | 0.74 | 3.00 | 8.79 | 8.76 | 8.76 | 7.92 |



5331 Derry Ave, Suite O, Agoura Hills, CA 91301

Rev. D February 18, 2008

D38999 (Series III) PCB TAIL PINS (metric)

Page 2

| Aerotrronics Pin Part Number | Pin Type | PCB Tail | | D38999/20 Metal shell | D38999/20 Composite | D38999/24 Metal shell | D38999/24 Composite |
|------------------------------|----------|----------|--------|-------------------------------|---------------------|-----------------------|---------------------|
| | | O.D. | Length | CONTACT EXTENSION ± 0.25 (mm) | | | |
| | | ±0.03 | Ref. | | | | |
| 3511-2258-360 | 22D | 0.64 | 13.84 | 16.79 | 16.76 | 16.76 | 15.93 |
| 3511-2259-360 | 22D | 0.79 | 19.35 | 15.06 | 15.04 | 15.04 | 14.20 |
| 3511-2260-360 | 22D | 0.64 | 13.08 | 6.63 | 6.60 | 6.60 | 5.77 |
| 4511-2261-360 | 22D | 0.76 | 3.76 | 8.13 | 8.10 | 8.10 | 7.26 |
| 4511-2262-360 | 22D | 0.48 | 3.48 | 7.37 | 7.34 | 7.34 | 6.50 |
| 4511-2263-360 | 22D | 0.48 | 6.38 | 14.05 | 14.02 | 14.02 | 13.18 |
| 4511-2264-360 | 22D | 0.05 | 6.78 | 2.46 | 2.44 | 2.44 | 1.60 |
| 4511-2265-360 | 22D | 0.05 | 10.41 | 10.19 | 10.16 | 10.16 | 9.32 |
| 4511-2270-360 | 22D | 0.48 | 4.19 | 8.10 | 8.08 | 8.08 | 7.24 |
| 4511-2271-360 | 22D | 0.64 | 16.00 | 19.00 | 18.97 | 18.97 | 18.14 |
| 3511-2272-360 | 22D | 0.48 | 19.53 | 15.24 | 15.21 | 15.21 | 14.38 |
| 3511-2273-360 | 22D | 0.48 | 12.93 | 6.20 | 6.17 | 6.17 | 5.33 |
| 4511-2274-360 | 22D | 0.48 | 3.30 | 0.64 | 0.61 | 0.61 | NONE |
| 4511-2275-360 | 22D | 0.48 | 5.08 | 6.35 | 6.32 | 6.32 | 5.49 |
| 4511-2200-361 | 22M | 0.51 | 11.43 | 5.26 | 5.23 | 5.23 | 4.39 |
| 4511-2201-361 | 22M | 0.56 | 4.75 | 7.72 | 7.70 | 7.70 | 6.86 |
| 3511-2202-361 | 22M | 0.48 | 14.48 | 12.95 | 12.93 | 12.93 | 12.09 |
| 4511-2202-361 | 22M | 0.48 | 14.48 | 12.95 | 12.93 | 12.93 | 12.09 |
| 1511-2203-361 | 22M | 0.48 | 9.60 | 5.31 | 5.28 | 5.28 | 4.45 |
| 3511-2203-361 | 22M | 0.48 | 9.60 | 5.31 | 5.28 | 5.28 | 4.45 |
| 4511-2203-361 | 22M | 0.48 | 9.60 | 5.31 | 5.28 | 5.28 | 4.45 |
| 4511-2204-361 | 22M | 0.48 | 7.75 | 23.09 | 23.06 | 23.06 | 22.23 |
| 4511-2205-361 | 22M | 0.48 | 7.75 | 1.19 | 1.17 | 1.17 | 0.33 |
| 1511-2206-361 | 22M | 0.48 | 12.42 | 8.13 | 8.10 | 8.10 | 7.26 |
| 3511-2206-361 | 22M | 0.48 | 12.42 | 8.13 | 8.10 | 8.10 | 7.26 |
| 4511-2206-361 | 22M | 0.48 | 12.42 | 8.13 | 8.10 | 8.10 | 7.26 |
| 3511-2207-361 | 22M | 0.48 | 19.41 | 17.25 | 17.22 | 17.22 | 16.38 |
| 4511-2207-361 | 22M | 0.48 | 19.41 | 17.25 | 17.22 | 17.22 | 16.38 |
| 4511-2208-361 | 22M | 0.48 | 5.08 | 1.45 | 1.42 | 1.42 | 0.58 |
| 4511-2209-361 | 22M | 0.66 | 9.98 | 0.53 | 0.51 | 0.51 | NONE |
| 3511-2211-361 | 22M | 0.48 | 7.62 | 2.24 | 2.21 | 2.21 | 1.37 |
| 4511-2211-361 | 22M | 0.48 | 7.62 | 2.24 | 2.21 | 2.21 | 1.37 |
| 3511-2212-361 | 22M | 0.51 | 8.94 | 3.58 | 3.56 | 3.56 | 2.72 |
| 4511-2213-361 | 22M | 0.48 | 11.28 | 7.04 | 7.01 | 7.01 | 6.17 |
| 4511-2214-361 | 22M | 0.48 | 2.29 | 8.05 | 8.03 | 8.03 | 7.19 |
| 1511-2216-361 | 22M | 0.48 | 8.94 | 4.62 | 4.60 | 4.60 | 3.76 |
| 4511-2217-361 | 22M | 0.48 | 3.00 | 4.29 | 4.27 | 4.27 | 3.43 |
| 4511-2218-361 | 22M | 0.48 | 3.51 | 4.80 | 4.78 | 4.78 | 3.94 |
| 4511-2219-361 | 22M | 0.48 | 3.99 | 5.28 | 5.26 | 5.26 | 4.42 |
| 4511-2221-361 | 22M | 0.48 | 4.50 | 5.79 | 5.77 | 5.77 | 4.93 |
| 4511-2223-361 | 22M | 0.48 | 5.00 | 6.30 | 6.27 | 6.27 | 5.44 |
| 4511-2225-361 | 22M | 0.48 | 5.51 | 6.81 | 6.78 | 6.78 | 5.94 |
| 4511-2227-361 | 22M | 0.48 | 5.99 | 7.29 | 7.26 | 7.26 | 6.43 |
| 3591-2230-361 | 22M | 0.46 | 9.98 | 0.56 | 0.53 | 0.53 | NONE |
| 3591-2231-361 | 22M | 0.46 | 16.33 | 6.91 | 6.88 | 6.88 | 6.05 |
| 3591-2233-361 | 22M | 0.64 | 9.98 | 0.56 | 0.53 | 0.53 | NONE |
| 3591-2234-361 | 22M | 0.46 | 16.33 | 6.91 | 6.88 | 6.88 | 6.05 |
| 3591-2236-361 | 22M | 0.64 | 9.98 | 0.56 | 0.53 | 0.53 | NONE |
| 4511-2240-361 | 22M | 0.48 | 3.00 | 5.13 | 5.11 | 5.11 | 4.27 |
| 4511-2241-361 | 22M | 0.48 | 3.51 | 5.64 | 5.61 | 5.61 | 4.78 |
| 4511-2242-361 | 22M | 0.48 | 3.99 | 6.12 | 6.10 | 6.10 | 5.26 |
| 4511-2243-361 | 22M | 0.48 | 4.50 | 6.63 | 6.60 | 6.60 | 5.77 |



5331 Derry Ave, Suite O, Agoura Hills, CA 91301

Rev. D February 18, 2008

D38999 (Series III) PCB TAIL PINS (metric)

Page 3

| Aerotrionics Pin Part Number | Pin Type | PCB Tail | | D38999/20 Metal shell | D38999/20 Composite | D38999/24 Metal shell | D38999/24 Composite |
|------------------------------|----------|----------|--------|-------------------------------|---------------------|-----------------------|---------------------|
| | | O.D. | Length | CONTACT EXTENSION ± 0.25 (mm) | | | |
| | | ±0.03 | Ref. | | | | |
| 4511-2244-361 | 22M | 0.48 | 5.00 | 7.14 | 7.11 | 7.11 | 6.27 |
| 4511-2245-361 | 22M | 0.48 | 5.51 | 7.65 | 7.62 | 7.62 | 6.78 |
| 4511-2246-361 | 22M | 0.48 | 5.99 | 8.13 | 8.10 | 8.10 | 7.26 |
| 4511-2247-361 | 22M | 0.51 | 19.53 | 15.19 | 15.16 | 15.16 | 14.33 |
| 4511-2248-361 | 22M | 0.48 | 8.08 | 11.43 | 11.40 | 11.40 | 10.57 |
| 4511-2249-361 | 22M | 0.48 | 10.49 | 8.51 | 8.48 | 8.48 | 7.65 |
| 4511-2000-363 | 20 | 0.64 | 7.54 | 5.54 | 5.51 | 5.51 | 4.67 |
| 4511-2001-363 | 20 | 0.66 | 5.08 | 7.70 | 7.67 | 7.67 | 6.83 |
| 1511-2002-363 | 20 | 0.48 | 10.97 | 8.51 | 8.48 | 8.48 | 7.65 |
| 4511-2002-363 | 20 | 0.48 | 11.05 | 8.51 | 8.48 | 8.48 | 7.65 |
| 4511-2003-363 | 20 | 0.48 | 3.45 | 3.30 | 3.28 | 3.28 | 2.44 |
| 4511-2004-363 | 20 | 0.51 | 6.35 | 7.04 | 7.01 | 7.01 | 6.17 |
| 4511-2006-363 | 20 | 0.48 | 7.62 | 5.08 | 5.05 | 5.05 | 4.22 |
| 4511-2007-363 | 20 | 0.64 | 9.58 | 3.45 | 3.43 | 3.43 | 2.59 |
| 4511-2008-363 | 20 | 0.64 | 8.71 | 1.19 | 1.17 | 1.17 | 0.33 |
| 4511-2009-363 | 20 | 0.64 | 10.19 | 3.51 | 3.48 | 3.48 | 2.64 |
| 3511-2010-363 | 20 | 0.48 | 2.16 | 5.26 | 5.23 | 5.23 | 4.39 |
| 1511-2011-363 | 20 | 0.48 | 10.31 | 5.31 | 5.28 | 5.28 | 4.45 |
| 1511-2012-363 | 20 | 0.48 | 10.41 | 3.18 | 3.15 | 3.15 | 2.31 |
| 4511-2030-363 | 20 | 1.02 | 6.99 | 10.95 | 10.92 | 10.92 | 10.08 |
| 4511-2031-363 | 20 | 0.64 | 14.00 | 8.51 | 8.48 | 8.48 | 7.65 |
| 4511-2032-363 | 20 | 0.58 | 7.01 | 10.06 | 10.03 | 10.03 | 9.19 |
| 4511-2033-363 | 20 | 0.64 | 4.06 | 3.25 | 3.23 | 3.23 | 2.39 |
| 4511-2034-363 | 20 | 0.64 | 4.95 | 4.14 | 4.11 | 4.11 | 3.28 |
| 4511-2035-363 | 20 | 0.64 | 8.05 | 6.27 | 6.25 | 6.25 | 5.41 |
| 3511-2036-363 | 20 | 0.48 | 16.21 | 13.79 | 13.77 | 13.77 | 12.93 |
| 4511-2037-363 | 20 | 0.48 | 9.60 | 5.41 | 5.38 | 5.38 | 4.55 |
| 4511-2038-363 | 20 | 0.48 | 12.75 | 8.36 | 8.33 | 8.33 | 7.49 |
| 4511-2039-363 | 20 | 0.76 | 3.45 | 3.30 | 3.28 | 3.28 | 2.44 |
| 4511-2040-363 | 20 | 0.48 | 16.13 | 13.77 | 13.74 | 13.74 | 12.90 |
| 4511-2041-363 | 20 | 0.48 | 3.91 | 9.02 | 8.99 | 8.99 | 8.15 |
| 4511-2042-363 | 20 | 0.48 | 23.55 | 21.54 | 21.51 | 21.51 | 20.68 |
| 4511-2043-363 | 20 | 0.71 | 3.05 | 7.19 | 7.16 | 7.16 | 6.32 |
| 3511-2050-363 | 20 | 0.64 | 24.08 | 17.96 | 17.93 | 17.93 | 17.09 |
| 3511-2051-363 | 20 | 0.64 | 22.68 | 17.30 | 17.27 | 17.27 | 16.43 |
| 3511-2052-363 | 20 | 0.81 | 22.68 | 17.30 | 17.27 | 17.27 | 16.43 |
| 4511-2060-363 | 20 | 0.64 | 3.00 | 4.29 | 4.27 | 4.27 | 3.43 |
| 4511-2061-363 | 20 | 0.64 | 3.51 | 4.80 | 4.78 | 4.78 | 3.94 |
| 4511-2062-363 | 20 | 0.64 | 3.99 | 5.28 | 5.26 | 5.26 | 4.42 |
| 4511-2063-363 | 20 | 0.64 | 4.50 | 5.79 | 5.77 | 5.77 | 4.93 |
| 4511-2064-363 | 20 | 0.64 | 5.00 | 6.30 | 6.27 | 6.27 | 5.44 |
| 4511-2065-363 | 20 | 0.64 | 5.51 | 6.81 | 6.78 | 6.78 | 5.94 |
| 4511-2066-363 | 20 | 0.64 | 5.99 | 7.29 | 7.26 | 7.26 | 6.43 |
| 4511-2067-363 | 20 | 0.64 | 3.00 | 5.13 | 5.11 | 5.11 | 4.27 |
| 4511-2068-363 | 20 | 0.64 | 3.51 | 5.64 | 5.61 | 5.61 | 4.78 |
| 4511-2069-363 | 20 | 0.64 | 3.99 | 6.12 | 6.10 | 6.10 | 5.26 |
| 4511-2070-363 | 20 | 0.64 | 4.50 | 6.63 | 6.60 | 6.60 | 5.77 |
| 4511-2071-363 | 20 | 0.64 | 5.00 | 7.14 | 7.11 | 7.11 | 6.27 |
| 4511-2072-363 | 20 | 0.64 | 5.51 | 7.65 | 7.62 | 7.62 | 6.78 |
| 4511-2073-363 | 20 | 0.64 | 5.99 | 8.13 | 8.10 | 8.10 | 7.26 |
| 4511-2074-363 | 20 | 0.76 | 19.53 | 15.19 | 15.16 | 15.16 | 14.33 |
| 4511-2075-363 | 20 | 0.99 | 7.11 | 6.17 | 6.15 | 6.15 | 5.31 |



5331 Derry Ave, Suite O, Agoura Hills, CA 91301

Rev. D February 18, 2008

D38999 (Series III) PCB TAIL PINS (metric)

Page 4

| Aerotronics Pin Part Number | Pin Type | PCB Tail | | D38999/20 Metal shell | D38999/20 Composite | D38999/24 Metal shell | D38999/24 Composite |
|-----------------------------|----------|----------|--------|-------------------------------|---------------------|-----------------------|---------------------|
| | | O.D. | Length | CONTACT EXTENSION ± 0.25 (mm) | | | |
| | | ±0.03 | Ref. | | | | |
| 4511-2076-363 | 20 | 0.66 | 9.75 | 10.54 | 10.52 | 10.52 | 9.68 |
| 3511-2077-363 | 20 | 0.48 | 16.31 | 13.77 | 13.74 | 13.74 | 12.90 |
| 4511-2078-363 | 20 | 0.48 | 7.62 | 8.08 | 5.05 | 5.05 | 4.22 |
| 4511-2079-363 | 20 | 0.48 | 11.05 | 8.51 | 5.06 | 5.06 | 7.65 |
| 4511-1600-364 | 16 | 1.57 | 13.92 | 8.53 | 8.51 | 8.51 | 7.67 |
| 4511-1601-364 | 16 | 1.57 | 8.69 | 8.26 | 8.23 | 8.23 | 7.39 |
| 4511-1602-364 | 16 | 1.57 | 7.80 | 1.19 | 1.17 | 1.17 | 0.33 |
| 4511-1603-364 | 16 | 1.22 | 13.89 | 8.51 | 8.48 | 8.48 | 7.65 |
| 4511-1604-364 | 16 | 1.57 | 9.83 | 2.46 | 2.44 | 2.44 | 1.60 |
| 4511-1605-364 | 16 | 1.45 | 3.00 | 8.79 | 8.76 | 8.76 | 7.92 |
| 4511-1606-364 | 16 | 1.27 | 4.32 | 6.78 | 6.76 | 6.76 | 5.92 |
| 4511-1607-364 | 16 | 1.57 | 19.10 | 15.01 | 14.99 | 14.99 | 14.15 |
| 4511-1608-364 | 16 | 1.57 | 2.29 | 3.56 | 3.53 | 3.53 | 2.69 |
| 4511-1609-364 | 16 | 1.57 | 13.92 | 11.05 | 11.02 | 11.02 | 10.19 |
| 4511-1610-364 | 16 | 0.64 | 11.07 | 8.53 | 8.51 | 8.51 | 7.67 |
| 4511-1611-364 | 16 | 0.64 | 4.19 | 3.25 | 3.23 | 3.23 | 2.39 |
| 4511-1612-364 | 16 | 0.64 | 5.08 | 4.14 | 4.11 | 4.11 | 3.28 |
| 4511-1613-364 | 16 | 0.64 | 6.05 | 5.11 | 5.08 | 5.08 | 4.24 |
| 4511-1618-364 | 16 | 0.64 | 2.16 | 5.26 | 5.23 | 5.23 | 4.39 |
| 4511-1620-364 | 16 | 1.02 | 13.92 | 6.17 | 6.15 | 6.15 | 5.31 |
| 4511-1621-364 | 16 | 1.02 | 15.98 | 8.23 | 8.20 | 8.20 | 7.37 |
| 4511-1640-364 | 16 | 1.57 | 3.00 | 4.29 | 4.27 | 4.27 | 3.43 |
| 4511-1641-364 | 16 | 1.57 | 3.51 | 4.80 | 4.78 | 4.78 | 3.94 |
| 4511-1642-364 | 16 | 1.57 | 3.99 | 5.28 | 5.26 | 5.26 | 4.42 |
| 4511-1643-364 | 16 | 1.57 | 4.50 | 5.79 | 5.77 | 5.77 | 4.93 |
| 4511-1644-364 | 16 | 1.57 | 5.00 | 6.30 | 6.27 | 6.27 | 5.44 |
| 4511-1645-364 | 16 | 1.57 | 5.51 | 6.81 | 6.78 | 6.78 | 5.94 |
| 4511-1646-364 | 16 | 1.57 | 5.99 | 7.29 | 7.26 | 7.26 | 6.43 |
| 4511-1647-364 | 16 | 1.57 | 3.00 | 5.13 | 5.11 | 5.11 | 4.27 |
| 4511-1648-364 | 16 | 1.57 | 3.51 | 5.64 | 5.61 | 5.61 | 4.78 |
| 4511-1649-364 | 16 | 1.57 | 3.99 | 6.12 | 6.10 | 6.10 | 5.26 |
| 4511-1650-364 | 16 | 1.57 | 4.50 | 6.63 | 6.60 | 6.60 | 5.77 |
| 4511-1651-364 | 16 | 1.57 | 5.00 | 7.14 | 7.11 | 7.11 | 6.27 |
| 4511-1652-364 | 16 | 1.57 | 5.51 | 7.65 | 7.62 | 7.62 | 6.78 |
| 4511-1653-364 | 16 | 1.57 | 5.99 | 8.13 | 8.10 | 8.10 | 7.26 |
| 4511-1654-364 | 16 | 1.22 | 22.71 | 17.30 | 17.27 | 17.27 | 16.43 |
| 4511-1655-364 | 16 | 1.52 | 19.53 | 15.19 | 15.16 | 15.16 | 14.33 |
| 4511-1656-364 | 16 | 1.57 | 7.65 | 5.41 | 5.38 | 5.38 | 4.55 |
| 4511-1657-364 | 16 | 1.57 | 11.02 | 6.35 | 6.32 | 6.32 | 5.49 |
| 4511-1658-364 | 16 | 0.99 | 3.05 | 7.19 | 7.16 | 7.16 | 6.32 |
| 4511-1200-365 | 12 | 2.06 | 16.33 | 8.51 | 8.48 | 8.48 | 7.65 |
| 4511-1201-365 | 12 | 2.06 | 12.01 | 4.19 | 4.17 | 4.17 | 3.33 |
| 4511-1203-365 | 12 | 2.06 | 13.28 | 5.46 | 5.44 | 5.44 | 4.60 |
| 4511-1204-365 | 12 | 2.06 | 3.99 | 5.03 | 5.00 | 5.00 | 4.17 |
| 4511-1205-365 | 12 | 2.06 | 5.41 | 8.18 | 8.15 | 8.15 | 7.32 |
| 4511-1206-365 | 12 | 2.06 | 6.20 | 7.19 | 7.16 | 7.16 | 6.32 |
| 4511-1210-365 | 12 | 2.06 | 3.68 | 3.25 | 3.23 | 3.23 | 2.39 |
| 4511-1211-365 | 12 | 2.06 | 4.57 | 4.14 | 4.11 | 4.11 | 3.28 |
| 4511-1230-365 | 12 | 2.06 | 7.62 | 12.90 | 12.88 | 12.88 | 12.04 |
| 4511-1240-365 | 12 | 2.06 | 3.00 | 4.29 | 4.27 | 4.27 | 3.43 |
| 4511-1241-365 | 12 | 2.06 | 3.51 | 4.80 | 4.78 | 4.78 | 3.94 |
| 4511-1242-365 | 12 | 2.06 | 3.99 | 5.28 | 5.26 | 5.26 | 4.42 |



5331 Derry Ave, Suite O, Agoura Hills, CA 91301

Rev. D February 18, 2008

D38999 (Series III) PCB TAIL PINS (metric)

Page 5

| Aerotronics Pin Part Number | Pin Type | PCB Tail | | D38999/20 Metal shell | D38999/20 Composite | D38999/24 Metal shell | D38999/24 Composite |
|-----------------------------|----------|------------|--------|-----------------------------------|---------------------|-----------------------|---------------------|
| | | O.D. | Length | | | | |
| | | ± 0.03 | Ref. | CONTACT EXTENSION ± 0.25 (mm) | | | |
| 4511-1243-365 | 12 | 2.06 | 4.50 | 5.79 | 5.77 | 5.77 | 4.93 |
| 4511-1244-365 | 12 | 2.06 | 5.00 | 6.30 | 6.27 | 6.27 | 5.44 |
| 4511-1245-365 | 12 | 2.06 | 5.51 | 6.81 | 6.78 | 6.78 | 5.94 |
| 4511-1246-365 | 12 | 2.06 | 5.99 | 7.29 | 7.26 | 7.26 | 6.43 |
| 4511-1247-365 | 12 | 2.06 | 3.00 | 5.13 | 5.11 | 5.11 | 4.27 |
| 4511-1248-365 | 12 | 2.06 | 3.51 | 5.64 | 5.61 | 5.61 | 4.78 |
| 4511-1249-365 | 12 | 2.06 | 3.99 | 6.12 | 6.10 | 6.10 | 5.26 |
| 4511-1250-365 | 12 | 2.06 | 4.50 | 6.63 | 6.60 | 6.60 | 5.77 |
| 4511-1251-365 | 12 | 2.06 | 5.00 | 7.14 | 7.11 | 7.11 | 6.27 |
| 4511-1252-365 | 12 | 2.06 | 5.51 | 7.65 | 7.62 | 7.62 | 6.78 |
| 4511-1253-365 | 12 | 2.06 | 5.99 | 8.13 | 8.10 | 8.10 | 7.26 |
| 4511-1254-365 | 12 | 2.39 | 6.15 | 6.22 | 6.20 | 6.20 | 5.36 |