



| Aertronics Socket Part Number | Socket Type | PCB Tail | | MS27472 MS27479 | MS27664 MS27497 | MS27499 MS27504 MS27513 | MS27508 | MS27474 MS27481 |
|--|-------------|----------|--------|--------------------|--------------------|-------------------------------|--------------|--------------------|
| | | O.D. | Length | | | | | |
| | | ±.001 | Ref. | | | | | |
| CONTACT EXTENSION ± .010 (inches) | | | | | | | | |
| 3510-2200-354 | 22D | .019 | .266 | 0.101 | 0.101 | 0.298 | 0.298 | 0.101 |
| 3510-2201-354 | 22D | .019 | .260 | NONE | NONE | 0.199 | 0.199 | NONE |
| 3510-2202-354 | 22D | .019 | .489 | 0.324 | 0.324 | 0.521 | 0.521 | 0.324 |
| 3510-2203-354 | 22D | .024 | .192 | 0.109 | 0.109 | 0.306 | 0.306 | 0.109 |
| 3510-2204-354 | 22D | .022 | .233 | 0.147 | 0.147 | 0.344 | 0.344 | 0.147 |
| 3510-2205-354 | 22D | .020 | .450 | 0.173 | 0.173 | 0.370 | 0.370 | 0.173 |
| 3510-2206-354 | 22D | .021 | .100 | 0.102 | 0.102 | 0.299 | 0.299 | 0.102 |
| 3510-2207-354 | 22D | .021 | .357 | 0.147 | 0.147 | 0.344 | 0.344 | 0.147 |
| 3510-2208-354 | 22D | .021 | .256 | 0.046 | 0.046 | 0.243 | 0.243 | 0.046 |
| 3510-2209-354 | 22D | .020 | .831 | 0.698 | 0.698 | 0.895 | 0.895 | 0.698 |
| 3510-2210-354 | 22D | .020 | .402 | 0.189 | 0.189 | 0.386 | 0.386 | 0.189 |
| 3510-2211-354 | 22D | .026 | .071 | NONE | NONE | 0.010 | 0.010 | NONE |
| 3510-2212-354 | 22D | .029 | .118 | 0.364 | 0.364 | 0.561 | 0.561 | 0.364 |
| 3510-2213-354 | 22D | .019 | .130 | 0.04 | 0.04 | 0.24 | 0.24 | 0.04 |
| 3510-2214-354 | 22D | .019 | .546 | 0.38 | 0.38 | 0.58 | 0.58 | 0.38 |
| 3510-2221-354 | 22D | .019 | .085 | 0.022 | 0.022 | 0.219 | 0.219 | 0.022 |
| 3510-2223-354 | 22D | .025 | .405 | 0.562 | 0.562 | 0.759 | 0.759 | 0.562 |
| 3510-2200-355 | 22M | .019 | .378 | 0.213 | 0.213 | 0.410 | 0.410 | 0.213 |
| 3510-2201-355 | 22M | .019 | .209 | 0.879 | 0.879 | 1.076 | 1.076 | 0.879 |
| 1590-2202-355 | 22M | .019 | .411 | 0.045 | 0.045 | 0.242 | 0.242 | 0.045 |
| 3510-2202-355 | 22M | .019 | .411 | 0.045 | 0.045 | 0.242 | 0.242 | 0.045 |
| 3510-2203-355 | 22M | .019 | .308 | 0.052 | 0.052 | 0.249 | 0.249 | 0.052 |
| 3510-2204-355 | 22M | .019 | .200 | 0.058 | 0.058 | 0.255 | 0.255 | 0.058 |
| 3510-2205-355 | 22M | .019 | .200 | 0.039 | 0.039 | 0.236 | 0.236 | 0.039 |
| 3510-2206-355 | 22M | .019 | .258 | NONE | NONE | 0.172 | 0.172 | NONE |
| 3510-2210-355 | 22M | .019 | .118 | 0.168 | 0.168 | 0.365 | 0.365 | 0.168 |
| 3510-2211-355 | 22M | .019 | .138 | 0.188 | 0.188 | 0.385 | 0.385 | 0.188 |
| 3510-2212-355 | 22M | .019 | .157 | 0.207 | 0.207 | 0.404 | 0.404 | 0.207 |
| 3510-2213-355 | 22M | .019 | .177 | 0.227 | 0.227 | 0.424 | 0.424 | 0.227 |
| 3510-2214-355 | 22M | .019 | .197 | 0.247 | 0.247 | 0.444 | 0.444 | 0.247 |
| 3510-2215-355 | 22M | .019 | .217 | 0.267 | 0.267 | 0.464 | 0.464 | 0.267 |
| 3510-2216-355 | 22M | .019 | .236 | 0.286 | 0.286 | 0.483 | 0.483 | 0.286 |
| 3510-2217-355 | 22M | .019 | .118 | NONE | NONE | 0.168 | 0.168 | NONE |
| 3510-2218-355 | 22M | .019 | .138 | NONE | NONE | 0.188 | 0.188 | NONE |



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38999 SERIES II PCB TAIL SOCKETS (inches)

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| Aerotrionics Socket Part Number | Socket Type | PCB Tail | | MS27472 MS27479 | MS27664 MS27497 | MS27499 MS27504 MS27513 | MS27508 | MS27474 MS27481 |
|---------------------------------------|----------------|----------|--------|-----------------------------------|--------------------|-------------------------------|---------|--------------------|
| | | O.D. | Length | | | | | |
| | | ±.001 | Ref. | CONTACT EXTENSION ± .010 (inches) | | | | |
| 3510-2219-355 | 22M | .019 | .157 | 0.010 | 0.010 | 0.207 | 0.207 | 0.010 |
| 3510-2221-355 | 22M | .019 | .177 | 0.030 | 0.030 | 0.227 | 0.227 | 0.030 |
| 3510-2223-355 | 22M | .019 | .197 | 0.050 | 0.050 | 0.247 | 0.247 | 0.050 |
| 3510-2225-355 | 22M | .019 | .217 | 0.070 | 0.070 | 0.267 | 0.267 | 0.070 |
| 3510-2226-355 | 22M | .019 | .236 | 0.089 | 0.089 | 0.286 | 0.286 | 0.089 |
| 1510-2227-355 | 22M | .019 | .236 | NONE | NONE | 0.124 | 0.124 | NONE |
| 1510-2228-355 | 22M | .019 | .336 | 0.027 | 0.027 | 0.224 | 0.224 | 0.027 |
| 1510-2229-355 | 22M | .019 | .586 | 0.277 | 0.277 | 0.474 | 0.474 | 0.277 |
| 1590-2231-355 | 22M | .020 | .212 | 0.135 | 0.135 | 0.332 | 0.332 | 0.135 |
| 1590-2232-355 | 22M | .020 | .212 | 0.299 | 0.299 | 0.496 | 0.496 | 0.299 |
| 1590-2233-355 | 22M | .020 | .212 | 0.443 | 0.443 | 0.640 | 0.640 | 0.443 |
| 1590-2240-355 | 22M | .021 | .393 | 0.027 | 0.027 | 0.224 | 0.224 | 0.027 |
| 1510-2241-355 | 22M | .019 | .488 | 0.328 | 0.328 | 0.525 | 0.525 | 0.328 |
| 1510-2242-355 | 22M | .021 | .393 | 0.027 | 0.027 | 0.224 | 0.224 | 0.027 |
| 3510-2253-355 | 22M | .019 | .394 | 0.170 | 0.170 | 0.367 | 0.367 | 0.170 |
| 3510-2260-355 | 22M | .025 | .660 | 0.752 | 0.752 | 0.949 | 0.949 | 0.752 |
| 3510-2261-355 | 22M | .025 | .300 | 0.457 | 0.457 | 0.654 | 0.654 | 0.457 |
| 1510-2276-355 | 22M | .026 | .336 | 0.027 | 0.027 | 0.224 | 0.224 | 0.027 |
| 1590-2276-355 | 22M | .026 | .336 | 0.027 | 0.027 | 0.224 | 0.224 | 0.027 |
| 3510-2276-355 | 22M | .026 | .336 | 0.027 | 0.027 | 0.224 | 0.224 | 0.027 |
| 1510-2277-355 | 22M | .019 | .236 | NONE | NONE | 0.124 | 0.124 | NONE |
| 1590-2277-355 | 22M | .019 | .236 | NONE | NONE | 0.124 | 0.124 | NONE |
| 3510-2277-355 | 22M | .019 | .236 | NONE | NONE | 0.124 | 0.124 | NONE |
| 1510-2278-355 | 22M | .019 | .336 | 0.027 | 0.027 | 0.224 | 0.224 | 0.027 |
| 1590-2278-355 | 22M | .019 | .336 | 0.027 | 0.027 | 0.224 | 0.224 | 0.027 |
| 3510-2278-355 | 22M | .019 | .336 | 0.027 | 0.027 | 0.224 | 0.224 | 0.027 |
| 1510-2279-355 | 22M | .019 | .586 | 0.277 | 0.277 | 0.474 | 0.474 | 0.277 |
| 1590-2279-355 | 22M | .019 | .586 | 0.277 | 0.277 | 0.474 | 0.474 | 0.277 |
| 3510-2279-355 | 22M | .019 | .586 | 0.277 | 0.277 | 0.474 | 0.474 | 0.277 |
| 3510-2000-357 | 20 | .025 | .118 | 0.168 | 0.168 | 0.365 | 0.365 | 0.168 |
| 3510-2001-357 | 20 | .025 | .138 | 0.188 | 0.188 | 0.385 | 0.385 | 0.188 |
| 3510-2002-357 | 20 | .025 | .157 | 0.207 | 0.207 | 0.404 | 0.404 | 0.207 |
| 3510-2003-357 | 20 | .025 | .177 | 0.227 | 0.227 | 0.424 | 0.424 | 0.227 |
| 3510-2004-357 | 20 | .025 | .197 | 0.247 | 0.247 | 0.444 | 0.444 | 0.247 |
| 3510-2005-357 | 20 | .025 | .217 | 0.267 | 0.267 | 0.464 | 0.464 | 0.267 |
| 3510-2006-357 | 20 | .025 | .236 | 0.286 | 0.286 | 0.483 | 0.483 | 0.286 |
| 3510-2007-357 | 20 | .025 | .118 | NONE | NONE | 0.168 | 0.168 | NONE |
| 3510-2008-357 | 20 | .025 | .138 | NONE | NONE | 0.188 | 0.188 | NONE |
| 3510-2009-357 | 20 | .025 | .157 | 0.010 | 0.010 | 0.207 | 0.207 | 0.010 |
| 3510-2010-357 | 20 | .025 | .177 | 0.030 | 0.030 | 0.227 | 0.227 | 0.030 |
| 3510-2011-357 | 20 | .025 | .197 | 0.050 | 0.050 | 0.247 | 0.247 | 0.050 |
| 3510-2013-357 | 20 | .025 | .217 | 0.070 | 0.070 | 0.267 | 0.267 | 0.070 |
| 3510-2014-357 | 20 | .025 | .236 | 0.089 | 0.089 | 0.286 | 0.286 | 0.089 |
| 3510-2015-357 | 20 | .020 | .217 | 0.267 | 0.267 | 0.464 | 0.464 | 0.267 |
| 3510-1600-358 | 16 | .062 | .547 | 0.339 | 0.339 | 0.536 | 0.536 | 0.339 |
| 3510-1601-358 | 16 | .057 | .118 | 0.364 | 0.364 | 0.561 | 0.561 | 0.364 |
| 3510-1602-358 | 16 | .062 | .118 | 0.168 | 0.168 | 0.365 | 0.365 | 0.168 |
| 3510-1603-358 | 16 | .062 | .138 | 0.188 | 0.188 | 0.385 | 0.385 | 0.188 |
| 3510-1604-358 | 16 | .062 | .157 | 0.207 | 0.207 | 0.404 | 0.404 | 0.207 |
| 3510-1605-358 | 16 | .062 | .177 | 0.227 | 0.227 | 0.424 | 0.424 | 0.227 |
| 3510-1606-358 | 16 | .062 | .197 | 0.247 | 0.247 | 0.444 | 0.444 | 0.247 |



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| Aerotronics Socket Part Number | Socket Type | PCB Tail | | MS27472 MS27479 | MS27664 MS27497 | MS27499 MS27504 MS27513 | MS27508 | MS27474 MS27481 |
|--------------------------------------|----------------|----------|--------|-----------------------------------|--------------------|-------------------------------|---------|--------------------|
| | | O.D. | Length | | | | | |
| | | ±.001 | Ref. | CONTACT EXTENSION ± .010 (inches) | | | | |
| 3510-1607-358 | 16 | .062 | .217 | 0.267 | 0.267 | 0.464 | 0.464 | 0.267 |
| 3510-1608-358 | 16 | .062 | .236 | 0.286 | 0.286 | 0.483 | 0.483 | 0.286 |
| 3510-1609-358 | 16 | .062 | .118 | NONE | NONE | 0.168 | 0.168 | NONE |
| 3510-1610-358 | 16 | .062 | .138 | NONE | NONE | 0.188 | 0.188 | NONE |
| 3510-1611-358 | 16 | .062 | .157 | 0.010 | 0.010 | 0.207 | 0.207 | 0.010 |
| 3510-1613-358 | 16 | .062 | .177 | 0.030 | 0.030 | 0.227 | 0.227 | 0.030 |
| 3510-1614-358 | 16 | .062 | .197 | 0.050 | 0.050 | 0.247 | 0.247 | 0.050 |
| 3510-1615-358 | 16 | .062 | .217 | 0.070 | 0.070 | 0.267 | 0.267 | 0.070 |
| 3510-1617-358 | 16 | .062 | .236 | 0.089 | 0.089 | 0.286 | 0.286 | 0.089 |
| 3510-1200-359 | 12 | .082 | .118 | 0.168 | 0.168 | 0.365 | 0.365 | 0.168 |
| 3510-1201-359 | 12 | .082 | .138 | 0.188 | 0.188 | 0.385 | 0.385 | 0.188 |
| 3510-1202-359 | 12 | .082 | .157 | 0.207 | 0.207 | 0.404 | 0.404 | 0.207 |
| 3510-1203-359 | 12 | .082 | .177 | 0.227 | 0.227 | 0.424 | 0.424 | 0.227 |
| 3510-1204-359 | 12 | .082 | .197 | 0.247 | 0.247 | 0.444 | 0.444 | 0.247 |
| 3510-1205-359 | 12 | .082 | .217 | 0.267 | 0.267 | 0.464 | 0.464 | 0.267 |
| 3510-1206-359 | 12 | .082 | .236 | 0.286 | 0.286 | 0.483 | 0.483 | 0.286 |
| 3510-1207-359 | 12 | .082 | .118 | NONE | NONE | 0.168 | 0.168 | NONE |
| 3510-1208-359 | 12 | .082 | .138 | NONE | NONE | 0.188 | 0.188 | NONE |
| 3510-1209-359 | 12 | .082 | .157 | 0.010 | 0.010 | 0.207 | 0.207 | 0.010 |
| 3510-1210-359 | 12 | .082 | .177 | 0.030 | 0.030 | 0.227 | 0.227 | 0.030 |
| 3510-1211-359 | 12 | .082 | .197 | 0.050 | 0.050 | 0.247 | 0.247 | 0.050 |
| 3510-1213-359 | 12 | .082 | .217 | 0.070 | 0.070 | 0.267 | 0.267 | 0.070 |
| 3510-1214-359 | 12 | .082 | .236 | 0.089 | 0.089 | 0.286 | 0.286 | 0.089 |