



Aertronics Socket Part Number	Socket Type	PCB Tail		MS27466 MS27652	MS27515 MS27654 MS27656	MS27496	MS27505	MS27468 Shells 9 - 17	MS27468 Shells 19 - 25
		O.D.	Length						
		±0.03	Ref.						
CONTACT EXTENSION ± 0.25 (mm)									
3510-2200-348	22D	0.48	5.84	5.59	5.26	10.59	10.62	5.05	4.65
1510-2201-348	22D	0.48	5.87	13.16	12.83	18.16	18.19	12.62	12.22
3510-2201-348	22D	0.48	14.48	13.16	12.83	18.16	18.19	12.62	12.22
1510-2202-348	22D	0.48	10.69	8.71	8.38	13.72	13.74	8.18	7.77
3510-2202-348	22D	0.48	10.69	8.71	8.38	13.72	13.74	8.18	7.77
1510-2203-348	22D	0.48	7.14	5.16	4.83	10.16	10.19	4.62	4.22
3510-2203-348	22D	0.48	7.14	5.16	4.83	10.16	10.19	4.62	4.22
3510-2204-348	22D	0.48	14.68	12.70	12.37	17.70	17.73	12.17	11.76
3510-2205-348	22D	0.48	3.68	3.43	3.10	8.43	8.46	2.90	2.49
1510-2206-348	22D	0.48	5.56	3.58	3.25	8.59	8.61	3.05	2.64
3510-2206-348	22D	0.48	5.56	3.58	3.25	8.59	8.61	3.05	2.64
3510-2207-348	22D	0.51	13.74	13.49	13.16	18.49	18.52	12.95	12.55
3510-2208-348	22D	0.51	13.64	12.98	12.65	17.98	18.01	12.45	12.04
1510-2209-348	22D	0.48	10.11	21.92	21.59	26.92	26.95	21.39	20.98
3510-2209-348	22D	0.48	10.11	21.92	21.59	26.92	26.95	21.39	20.98
3510-2210-348	22D	0.48	3.45	4.42	4.09	9.42	9.45	3.89	3.48
3510-2211-348	22D	0.58	3.99	5.64	5.31	10.64	10.67	5.11	4.70
3510-2212-348	22D	0.48	12.40	10.62	10.29	15.62	15.65	10.08	9.68
3510-2213-348	22D	0.48	8.64	3.43	3.10	8.43	8.46	2.90	2.49
1510-2214-348	22D	0.48	9.22	7.26	6.93	12.27	12.29	6.73	6.32
3510-2214-348	22D	0.48	9.22	7.26	6.93	12.27	12.29	6.73	6.32
3510-2215-348	22D	0.48	9.60	5.51	5.18	10.52	10.54	4.98	4.57
1510-2216-348	22D	0.48	19.53	15.44	15.11	20.45	20.47	14.91	14.50
3510-2216-348	22D	0.48	19.53	15.44	15.11	20.45	20.47	14.91	14.50
3510-2217-348	22D	0.48	3.33	NONE	NONE	4.09	4.11	NONE	NONE
3510-2218-348	22D	0.48	12.93	6.40	6.07	11.40	11.43	5.87	5.46
1510-2219-348	22D	0.48	7.06	21.92	21.59	26.92	26.95	21.39	20.98
3510-2230-348	22D	0.48	5.99	9.40	9.07	14.40	14.43	8.86	8.46
3510-2231-348	22D	0.48	4.57	4.32	3.99	9.32	9.35	3.78	3.38
3510-2232-348	22D	0.48	3.81	7.82	7.49	12.83	12.85	7.29	6.88
1510-2233-348	22D	0.48	13.00	16.41	16.08	21.41	21.44	15.88	15.47
3510-2234-348	22D	0.66	5.92	8.71	8.38	13.72	13.74	8.18	7.77
3510-2235-348	22D	0.48	3.18	1.32	0.99	6.32	6.35	0.79	0.38
3510-2236-348	22D	0.48	3.68	3.43	3.10	8.43	8.46	2.90	2.49



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Aerotronics Socket Part Number	Socket Type	PCB Tail		MS27466 MS27652	MS27515 MS27654 MS27656	MS27496	MS27505	MS27468 Shells 9 - 17	MS27468 Shells 19 - 25
		O.D.	Length						
		±0.03	Ref.						
CONTACT EXTENSION ± 0.25 (mm)									
3510-2237-348	22D	0.48	5.54	5.28	4.95	10.29	10.31	4.75	4.34
1510-2238-348	22D	0.51	7.95	7.70	7.37	12.70	12.73	7.16	6.76
1510-2239-348	22D	0.48	4.45	7.80	7.47	12.80	12.83	7.26	6.86
3510-2239-348	22D	0.48	4.45	7.80	7.47	12.80	12.83	7.26	6.86
3510-2241-348	22D	0.71	3.99	5.84	5.51	10.85	10.87	5.31	4.90
3510-2242-348	22D	0.51	6.55	8.23	7.90	13.23	13.26	7.70	7.29
3510-2243-348	22D	0.48	2.29	2.62	2.29	7.62	7.65	2.08	1.68
1510-2244-348	22D	0.48	7.80	22.78	22.45	27.79	27.81	22.25	21.84
1510-2245-348	22D	0.48	12.04	8.13	7.80	13.13	13.16	7.59	7.19
3510-2247-348	22D	0.48	8.00	9.30	8.97	14.30	14.33	8.76	8.36
1510-2248-348	22D	0.48	5.61	22.25	21.92	27.25	27.28	21.72	21.31
3510-2251-348	22D	0.51	8.31	9.02	8.69	14.02	14.05	8.48	8.08
3510-2260-348	22D	0.48	6.99	5.69	5.36	10.69	10.72	5.16	4.75
3510-2261-348	22D	0.64	6.68	NONE	NONE	5.23	5.26	NONE	NONE
3510-2262-348	22D	0.48	2.54	0.58	0.25	5.59	5.61	NONE	NONE
3510-2263-348	22D	0.48	3.81	1.85	1.52	6.86	6.88	1.32	0.91
1510-2264-348	22D	0.48	6.10	15.37	15.04	20.37	20.40	14.83	14.43
3510-2264-348	22D	0.48	6.10	15.37	15.04	20.37	20.40	14.83	14.43
3510-2265-348	22D	0.48	4.45	6.53	6.20	11.53	11.56	5.99	5.59
3510-2266-348	22D	0.48	4.45	17.91	17.58	22.91	22.94	17.37	16.97
3510-2267-348	22D	0.48	4.45	7.59	7.26	12.60	12.62	7.06	6.65
3510-2268-348	22D	0.48	4.57	7.06	6.73	12.07	12.09	6.53	6.12
3510-2269-348	22D	0.51	10.03	12.04	11.71	17.04	17.07	11.51	11.10
3510-2270-348	22D	0.48	5.87	NONE	NONE	2.77	2.79	NONE	NONE
1510-2271-348	22D	0.74	8.36	10.16	9.83	15.16	15.19	9.63	9.22
3510-2271-348	22D	0.74	8.36	10.16	9.83	15.16	15.19	9.63	9.22
3510-2272-348	22D	0.48	3.99	5.51	5.18	10.52	10.54	4.98	4.57
3510-2273-348	22D	0.48	5.41	8.66	8.33	13.67	13.69	8.13	7.72
3510-2274-348	22D	0.48	6.20	7.67	7.34	12.67	12.70	7.14	6.73
3510-2275-348	22D	0.48	6.15	6.65	6.32	11.66	11.68	6.12	5.72
3510-2276-348	22D	0.48	7.62	7.37	7.04	12.37	12.40	6.83	6.43
3510-2280-348	22D	0.64	12.70	12.67	12.35	17.68	17.70	12.14	11.73
3510-2281-348	22D	0.48	23.27	18.06	17.73	23.06	23.09	17.53	17.12
3510-2282-348	22D	0.48	4.62	10.59	10.26	15.60	15.62	10.06	9.65
3510-2284-348	22D	0.81	23.27	18.06	17.73	23.06	23.09	17.53	17.12
1510-2285-348	22D	0.48	18.21	41.63	41.30	46.63	46.66	41.10	40.69
3510-2286-348	22D	0.48	5.41	8.76	8.43	13.77	13.79	8.23	7.82
3510-2287-348	22D	0.74	7.11	6.35	6.02	11.35	11.38	5.82	5.41
3510-2288-348	22D	0.48	10.41	10.72	10.39	15.72	15.75	10.19	9.78
3510-2200-349	22M	0.48	3.00	5.84	5.51	10.85	10.87	5.31	4.90
3510-2201-349	22M	0.48	3.51	6.35	6.02	11.35	11.38	5.82	5.41
3510-2202-349	22M	0.48	3.99	6.83	6.50	11.84	11.86	6.30	5.89
3510-2203-349	22M	0.48	4.50	7.34	7.01	12.34	12.37	6.81	6.40
3510-2204-349	22M	0.48	5.00	7.85	7.52	12.85	12.88	7.32	6.91
3510-2205-349	22M	0.48	5.51	8.36	8.03	13.36	13.39	7.82	7.42
3510-2206-349	22M	0.48	5.99	8.84	8.51	13.84	13.87	8.31	7.90
3510-2207-349	22M	0.48	3.00	4.67	4.34	9.68	9.70	4.14	3.73
3510-2208-349	22M	0.48	3.51	5.18	4.85	10.19	10.21	4.65	4.24
3510-2209-349	22M	0.48	3.99	5.66	5.33	10.67	10.69	5.13	4.72
3510-2210-349	22M	0.48	4.50	6.17	5.84	11.18	11.20	5.64	5.23
3510-2211-349	22M	0.48	5.00	6.68	6.35	11.68	11.71	6.15	5.74



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Aerotronics Socket Part Number	Socket Type	PCB Tail		MS27466 MS27652	MS27515 MS27654 MS27656	MS27496	MS27505	MS27468 Shells 9 - 17	MS27468 Shells 19 - 25
		O.D.	Length						
		±0.03	Ref.						
CONTACT EXTENSION ± 0.25 (mm)									
3510-2212-349	22M	0.48	5.51	7.19	6.86	12.19	12.22	6.65	6.25
3510-2213-349	22M	0.48	5.99	7.67	7.34	12.67	12.70	7.14	6.73
1510-2251-349	22M	0.76	8.36	10.16	9.83	15.16	15.19	9.63	9.22
3510-2251-349	22M	0.76	8.36	10.16	9.83	15.16	15.19	9.63	9.22
1510-22LFO-349	22M	0.48	5.00	6.78	6.45	11.79	11.81	6.25	5.84
1510-22LF1-349	22M	0.48	3.99	5.77	5.44	10.77	10.80	5.23	4.83
1510-22LF2-349	22M	0.48	3.00	4.78	4.45	9.78	9.80	4.24	3.84
1510-2000-351	20	0.66	10.16	3.68	3.35	8.69	8.71	3.15	2.74
1510-2001-351	20	0.66	5.08	7.87	7.54	12.88	12.90	7.34	6.93
1510-2002-351	20	0.48	11.05	8.71	8.38	13.72	13.74	8.18	7.77
1510-2003-351	20	0.48	3.45	4.42	4.09	9.42	9.45	3.89	3.48
1510-2004-351	20	0.58	7.01	10.24	9.91	15.24	15.27	9.70	9.30
3510-2004-351	20	0.58	7.01	10.24	9.91	15.24	15.27	9.70	9.30
1510-2005-351	20	0.48	7.65	5.28	4.95	10.29	10.31	4.75	4.34
1510-2006-351	20	0.48	3.68	3.43	3.10	8.43	8.46	2.90	2.49
1510-2007-351	20	0.48	4.57	4.32	3.99	9.32	9.35	3.78	3.38
1510-2008-351	20	0.48	5.54	5.28	4.95	10.29	10.31	4.75	4.34
1510-2009-351	20	0.48	10.39	3.38	3.05	8.38	8.41	2.84	2.44
1510-2010-351	20	0.48	16.23	13.97	13.64	18.97	19.00	13.44	13.03
1510-2011-351	20	0.48	4.45	7.59	7.26	12.60	12.62	7.06	6.65
1510-2012-351	20	0.74	8.36	10.16	9.83	15.16	15.19	9.63	9.22
1510-2013-351	20	0.48	4.04	5.51	5.18	10.52	10.54	4.98	4.57
1510-2014-351	20	0.99	8.26	17.88	17.55	22.89	22.91	17.35	16.94
1510-2015-351	20	0.48	5.41	8.66	8.33	13.67	13.69	8.13	7.72
1510-2016-351	20	0.48	6.20	7.67	7.34	12.67	12.70	7.14	6.73
1510-2017-351	20	0.48	23.27	18.06	17.73	23.06	23.09	17.53	17.12
3510-2018-351	20	0.81	23.27	18.06	17.73	23.06	23.09	17.53	17.12
1510-2019-351	20	0.48	4.50	11.28	10.95	16.28	16.31	10.74	10.34
1510-2029-351	20	0.76	10.03	17.15	16.81	22.15	22.17	16.61	16.21
1510-2031-351	20	0.76	7.62	17.15	16.81	22.15	22.17	16.61	16.21
3510-2032-351	20	0.48	5.08	15.90	15.57	20.90	20.93	15.37	14.96
3510-2033-351	20	0.51	2.29	2.62	2.29	7.62	7.65	2.08	1.68
3510-2036-351	20	0.48	5.84	5.59	5.26	10.59	10.62	5.05	4.65
3510-2037-351	20	0.48	11.51	8.71	8.38	13.72	13.74	8.18	7.77
3510-2040-351	20	1.22	4.88	12.37	12.04	17.37	17.40	11.84	11.43
1510-2041-351	20	0.48	5.97	4.95	4.62	9.96	9.98	4.42	4.01
1510-2042-351	20	0.48	12.04	8.13	7.80	13.13	13.16	7.59	7.19
1510-2043-351	20	0.48	23.55	16.61	16.28	21.62	21.64	16.08	15.67
1510-2044-351	20	0.48	13.67	11.51	11.18	16.51	16.54	10.97	10.57
1510-2045-351	20	0.48	12.22	5.28	4.95	10.29	10.31	4.75	4.34
3510-2050-351	20	0.76	7.62	7.92	7.59	12.93	12.95	7.39	6.99
3510-5051-351	20	0.76	7.62	14.73	14.40	19.74	19.76	14.20	13.79
3510-2060-351	20	0.64	3.00	5.84	5.51	10.85	10.87	5.31	4.90
3510-2061-351	20	0.64	3.51	6.35	6.02	11.35	11.38	5.82	5.41
3510-2062-351	20	0.64	3.99	6.83	6.50	11.84	11.86	6.30	5.89
3510-2063-351	20	0.64	4.50	7.34	7.01	12.34	12.37	6.81	6.40
3510-2064-351	20	0.64	5.00	7.85	7.52	12.85	12.88	7.32	6.91
3510-2065-351	20	0.64	5.51	8.36	8.03	13.36	13.39	7.82	7.42
3510-2066-351	20	0.64	5.99	8.84	8.51	13.84	13.87	8.31	7.90
3510-2071-351	20	0.64	3.00	4.67	4.34	9.68	9.70	4.14	3.73
3510-2072-351	20	0.64	3.51	5.18	4.85	10.19	10.21	4.65	4.24



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Aerotronics Socket Part Number	Socket Type	PCB Tail		MS27466 MS27652	MS27515 MS27654 MS27656	MS27496	MS27505	MS27468 Shells 9 - 17	MS27468 Shells 19 - 25
		O.D.	Length						
		±0.03	Ref.						
CONTACT EXTENSION ± 0.25 (mm)									
3510-2073-351	20	0.64	3.99	5.66	5.33	10.67	10.69	5.13	4.72
3510-2074-351	20	0.64	4.50	6.17	5.84	11.18	11.20	5.64	5.23
3510-2075-351	20	0.64	5.00	6.68	6.35	11.68	11.71	6.15	5.74
3510-2076-351	20	0.64	5.51	7.19	6.86	12.19	12.22	6.65	6.25
3510-2077-351	20	0.64	5.99	7.67	7.34	12.67	12.70	7.14	6.73
3510-2080-351	20	0.61	16.13	11.39	11.61	16.94	16.97	11.40	11.00
3510-2081-351	20	0.99	7.11	6.35	6.02	11.35	11.38	5.82	5.41
3510-2082-351	20	0.48	8.20	6.43	6.10	11.43	11.46	5.89	5.49
3510-2083-351	20	0.48	9.91	7.75	7.42	12.75	12.78	7.21	6.81
3510-2084-351	20	0.48	9.40	7.24	6.91	12.24	12.27	6.71	6.30
3510-2086-351	20	0.48	9.65	14.00	13.67	19.00	19.02	13.46	13.06
3510-2087-351	20	0.48	7.32	5.16	4.83	10.16	10.19	4.62	4.22
3510-1600-352	16	0.64	11.07	8.71	8.38	13.72	13.74	8.18	7.77
3510-1601-352	16	0.64	4.67	3.43	3.10	8.43	8.46	2.90	2.49
3510-1602-352	16	0.64	5.56	4.32	3.99	9.32	9.35	3.78	3.38
3510-1603-352	16	0.64	4.45	7.59	7.26	12.60	12.62	7.06	6.65
3510-1604-352	16	1.02	4.45	7.59	7.26	12.60	12.62	7.06	6.65
3510-1605-352	16	1.57	8.26	17.88	17.55	22.89	22.91	17.35	16.94
3510-1606-352	16	1.57	2.29	2.62	2.29	7.62	7.65	2.08	1.68
3510-1607-352	16	1.02	13.87	6.35	6.02	11.35	11.38	5.82	5.41
3510-1609-352	16	1.57	7.62	17.15	16.81	22.15	22.17	16.61	16.21
3510-1610-352	16	0.74	7.62	8.64	8.31	13.64	13.67	8.10	7.70
3510-1611-352	16	0.74	8.38	9.40	9.07	14.40	14.43	8.86	8.46
1510-1618-352	16	1.59	8.36	10.16	9.83	15.16	15.19	9.63	9.22
1510-1619-352	16	1.16	21.59	11.28	10.95	16.28	16.31	10.74	10.34
3510-1621-352	16	1.57	3.00	5.84	5.51	10.85	10.87	5.31	4.90
3510-1623-352	16	1.57	3.51	6.35	6.02	11.35	11.38	5.82	5.41
3510-1625-352	16	1.57	3.99	6.83	6.50	11.84	11.86	6.30	5.89
3510-1626-352	16	1.52	4.50	7.34	7.01	12.34	12.37	6.81	6.40
3510-1627-352	16	1.57	5.00	7.85	7.52	12.85	12.88	7.32	6.91
3510-1628-352	16	1.57	5.51	8.36	8.03	13.36	13.39	7.82	7.42
3510-1629-352	16	1.57	5.99	8.84	8.51	13.84	13.87	8.31	7.90
3510-1630-352	16	1.57	3.00	4.67	4.34	9.68	9.70	4.14	3.73
3510-1631-352	16	1.57	3.51	5.18	4.85	10.19	10.21	4.65	4.24
3510-1632-352	16	1.57	3.99	5.66	5.33	10.67	10.69	5.13	4.72
3510-1633-352	16	1.57	4.50	6.17	5.84	11.18	11.20	5.64	5.23
3510-1634-352	16	1.57	5.00	6.68	6.35	11.68	11.71	6.15	5.74
3510-1635-352	16	1.57	5.51	7.19	6.86	12.19	12.22	6.65	6.25
3510-1636-352	16	1.57	5.99	7.67	7.34	12.67	12.70	7.14	6.73
3510-1637-352	16	0.71	10.67	6.07	5.74	11.07	11.10	5.54	5.13
3510-1638-352	16	1.57	7.62	17.25	16.92	22.25	22.28	16.71	16.31
3510-1200-353	12	2.08	3.00	5.84	5.51	10.85	10.87	5.31	4.90
3510-1201-353	12	2.08	18.82	11.20	10.87	16.21	16.23	10.67	10.26
3510-1202-353	12	2.08	3.68	3.43	3.10	8.43	8.46	2.90	2.49
3510-1203-353	12	2.08	7.01	9.86	9.53	14.86	14.88	9.32	8.92
3510-1204-353	12	2.08	4.57	4.32	3.99	9.32	9.35	3.78	3.38
3510-1205-353	12	2.08	3.51	6.35	6.02	11.35	11.38	5.82	5.41
3510-1206-353	12	2.39	8.26	17.88	17.55	22.89	22.91	17.35	16.94
3510-1207-353	12	2.08	3.99	6.83	6.50	11.84	11.86	6.30	5.89
3510-1208-353	12	2.08	4.50	7.34	7.01	12.34	12.37	6.81	6.40
3510-1209-353	12	2.08	5.00	7.85	7.52	12.85	12.88	7.32	6.91



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38999 SERIES I PCB TAIL SOCKETS (metric)

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Aertronics Socket Part Number	Socket Type	PCB Tail		MS27466 MS27652	MS27515 MS27654 MS27656	MS27496	MS27505	MS27468 Shells 9 - 17	MS27468 Shells 19 - 25
		O.D.	Length						
		± 0.03	Ref.	CONTACT EXTENSION ± 0.25 (mm)					
3510-1210-353	12	2.08	5.51	8.36	8.03	13.36	13.39	7.82	7.42
3510-1211-353	12	2.08	5.99	8.84	8.51	13.84	13.87	8.31	7.90
1510-1213-353	12	2.08	8.36	10.16	9.83	15.16	15.19	9.63	9.22
3510-1214-353	12	2.39	7.11	7.59	7.26	12.60	12.62	7.06	6.65
3510-1230-353	12	2.08	3.00	4.67	4.34	9.68	9.70	4.14	3.73
3510-1231-353	12	2.08	3.51	5.18	4.85	10.19	10.21	4.65	4.24
3510-1232-353	12	2.08	3.99	5.66	5.33	10.67	10.69	5.13	4.72
3510-1233-353	12	2.08	4.50	6.17	5.84	11.18	11.20	5.64	5.23
3510-1234-353	12	2.08	5.00	6.68	6.35	11.68	11.71	6.15	5.74
3510-1235-353	12	2.08	5.51	7.19	6.86	12.19	12.22	6.65	6.25
3510-1236-353	12	2.08	5.99	7.67	7.34	12.67	12.70	7.14	6.73