



Aerotrónica Socket Part Number	Socket Type	PCB Tail		CONTACT EXTENSION FROM REAR				CONTACT EXTENSION FROM FLANGE			
		O.D.	Length	D38999/20	D38999/20	D38999/24	D38999/24	D38999/20	D38999/20	D38999/24	D38999/24
		±.001	Ref.	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite
3510-2200-348	22D	0.48	5.84	5.13	5.21	5.08	4.01	16.05	17.65	13.97	16.46
1510-2201-348	22D	0.48	14.48	12.70	12.78	12.65	11.58	23.62	25.22	21.54	24.03
3510-2201-348	22D	0.48	14.48	12.70	12.78	12.65	11.58	23.62	25.22	21.54	24.03
1510-2202-348	22D	0.48	10.69	8.26	8.33	8.20	7.14	19.18	20.78	17.09	19.58
3510-2202-348	22D	0.48	10.69	8.28	8.36	8.23	7.16	19.20	20.80	17.12	19.61
1510-2203-348	22D	0.48	7.14	4.70	4.78	4.65	3.58	15.62	17.22	13.54	16.03
3510-2203-348	22D	0.48	7.14	4.70	4.78	4.65	3.58	15.62	17.22	13.54	16.03
3510-2204-348	22D	0.48	14.68	12.24	12.32	12.19	11.13	23.16	24.77	21.08	23.57
3510-2205-348	22D	0.48	3.68	2.97	3.05	2.92	1.85	13.89	15.49	11.81	14.30
1510-2206-348	22D	0.48	5.56	3.12	3.20	3.07	2.01	14.05	15.65	11.96	14.45
3510-2206-348	22D	0.48	5.56	3.12	3.20	3.07	2.01	14.05	15.65	11.96	14.45
3510-2207-348	22D	0.51	13.74	13.03	13.11	12.98	11.91	23.95	25.55	21.87	24.36
3510-2208-348	22D	0.51	13.64	12.52	12.60	12.47	11.40	23.44	25.04	21.36	23.85
1510-2209-348	22D	0.48	10.11	21.46	21.54	21.41	20.35	32.39	33.99	30.30	32.79
3510-2209-348	22D	0.48	10.11	21.46	21.54	21.41	20.35	32.39	33.99	30.30	32.79
3510-2210-348	22D	0.48	3.45	3.96	4.04	3.91	2.84	14.88	16.48	12.80	15.29
3510-2211-348	22D	0.58	3.99	5.18	5.26	5.13	4.06	16.10	17.70	14.02	16.51
3510-2212-348	22D	0.48	12.40	10.16	10.24	10.11	9.04	21.08	22.68	19.00	21.49
3510-2213-348	22D	0.48	8.64	2.97	3.05	2.92	1.85	13.89	15.49	11.81	14.30
1510-2214-348	22D	0.48	9.22	6.81	6.88	6.76	5.69	17.73	19.33	15.65	18.14



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Aerotronics Socket Part Number	Socket Type	PCB Tail		CONTACT EXTENSION FROM REAR				CONTACT EXTENSION FROM FLANGE			
		O.D.	Length	D38999/20	D38999/20	D38999/24	D38999/24	D38999/20	D38999/20	D38999/24	D38999/24
		±.001	Ref.	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite
3510-2214-348	22D	0.48	9.22	6.81	6.88	6.76	5.69	17.73	19.33	15.65	18.14
3510-2215-348	22D	0.48	9.60	5.05	5.13	5.00	3.94	15.98	17.58	13.89	16.38
1510-2216-348	22D	0.48	19.53	14.99	15.06	14.94	13.87	25.91	27.51	23.83	26.31
3510-2216-348	22D	0.48	19.53	14.99	15.06	14.94	13.87	25.91	27.51	23.83	26.31
3510-2218-348	22D	0.48	12.93	5.94	6.02	5.89	4.83	16.87	18.47	14.78	17.27
1510-2219-348	22D	0.48	7.06	21.46	21.54	21.41	20.35	32.39	33.99	30.30	32.79
3510-2220-348	22D	0.48	7.01	6.58	6.65	6.53	5.46	17.50	19.10	15.42	17.91
3510-2227-348	22D	0.48	8.31	8.56	8.64	8.51	7.44	19.48	21.08	17.40	19.89
3510-2228-348	22D	0.48	8.28	19.89	19.96	19.84	18.77	30.81	32.41	28.73	31.22
3510-2229-348	22D	0.48	4.52	10.82	10.90	10.77	9.70	21.74	23.34	19.66	22.15
3510-2230-348	22D	0.48	5.99	8.94	9.02	8.89	7.82	19.86	21.46	17.78	20.27
3510-2231-348	22D	0.48	4.57	3.86	3.94	3.81	2.74	14.78	16.38	12.70	15.19
3510-2232-348	22D	0.48	3.81	7.37	7.44	7.32	6.25	18.29	19.89	16.21	18.69
1510-2233-348	22D	0.48	13.00	15.95	16.03	15.90	14.83	26.87	28.47	24.79	27.28
3510-2234-348	22D	0.66	5.92	8.26	8.33	8.20	7.14	19.18	20.78	17.09	19.58
3510-2235-348	22D	0.48	3.18	0.86	0.94	0.81	NONE	11.79	13.39	9.70	#VALUE!
3510-2236-348	22D	0.48	3.68	2.97	3.05	2.92	1.85	13.89	15.49	11.81	14.30
3510-2237-348	22D	0.48	5.54	4.83	4.90	4.78	3.71	15.75	17.35	13.67	16.15
1510-2238-348	22D	0.51	7.95	7.24	7.32	7.19	6.12	18.16	19.76	16.08	18.57
3510-2239-348	22D	0.48	4.45	7.34	7.42	7.29	6.22	18.26	19.86	16.18	18.67
3510-2241-348	22D	0.71	4.01	5.38	5.46	5.33	4.27	16.31	17.91	14.22	16.71
3510-2242-348	22D	0.51	6.55	7.77	7.85	7.72	6.65	18.69	20.29	16.61	19.10
3510-2243-348	22D	0.48	2.29	2.16	2.24	2.11	1.04	13.08	14.68	11.00	13.49
1510-2244-348	22D	0.48	7.80	22.33	22.40	22.28	21.21	33.25	34.85	31.17	33.66
1510-2245-348	22D	0.48	12.04	7.67	7.75	7.62	6.55	18.59	20.19	16.51	19.00
3510-2246-348	22D	0.48	3.30	7.98	8.05	7.87	6.86	18.90	20.50	16.76	19.30
3510-2247-348	22D	0.48	8.00	8.84	8.92	8.79	7.72	19.76	21.36	17.68	20.17
3510-2248-348	22D	0.48	5.61	21.79	21.87	21.74	20.68	32.72	34.32	30.63	33.12
3510-2249-348	22D	0.71	4.06	4.09	4.17	4.04	2.97	15.01	16.61	12.93	15.42
3510-2250-348	22D	0.66	5.92	8.26	8.33	8.15	7.14	19.18	20.78	17.04	19.58
3510-2252-348	22D	0.48	7.62	11.35	11.43	11.25	10.24	22.28	23.88	20.14	22.68
3510-2253-348	22D	0.51	9.02	6.53	6.60	6.43	5.41	17.45	19.05	15.32	17.86
3510-2254-348	22D	0.51	10.16	7.65	7.72	7.54	6.53	18.57	20.17	16.43	18.97
3510-2255-348	22D	0.48	6.73	15.67	15.75	15.57	14.55	26.59	28.19	24.46	27.00
3510-2256-348	22D	0.48	5.64	5.38	5.46	5.28	4.27	16.31	17.91	14.17	16.71
3510-2257-348	22D	0.81	10.16	10.26	10.34	10.16	9.14	21.18	22.78	19.05	21.59
3510-2258-348	22D	0.51	3.35	2.90	2.97	2.79	1.78	13.82	15.42	11.68	14.22



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		O.D.	Length	D38999/20	D38999/20	D38999/24	D38999/24	D38999/20	D38999/20	D38999/24	D38999/24
		±.001	Ref.	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite
3510-2259-348	22D	0.74	7.62	8.86	8.94	8.76	7.75	19.79	21.39	17.65	20.19
3510-2260-348	22D	0.48	6.99	5.23	5.31	5.18	4.11	16.15	17.75	14.07	16.56
3510-2263-348	22D	0.48	3.81	1.40	1.47	1.35	NONE	12.32	13.92	10.24	#VALUE!
1510-2264-348	22D	0.48	6.10	14.91	14.99	14.86	13.79	25.83	27.43	23.75	26.24
3510-2264-348	22D	0.48	6.10	14.91	14.99	14.86	13.79	25.83	27.43	23.75	26.24
3510-2265-348	22D	0.48	4.45	6.07	6.15	6.02	4.95	16.99	18.59	14.91	17.40
3510-2266-348	22D	0.48	4.45	17.45	17.53	17.40	16.33	28.37	29.97	26.29	28.78
3510-2267-348	22D	0.48	4.45	7.14	7.21	7.09	6.02	18.06	19.66	15.98	18.47
3510-2268-348	22D	0.48	4.57	6.60	6.68	6.55	5.49	17.53	19.13	15.44	17.93
3510-2269-348	22D	0.51	10.03	11.58	11.66	11.53	10.46	22.50	24.10	20.42	22.91
1510-2271-348	22D	0.74	8.36	9.70	9.78	9.65	8.59	20.62	22.23	18.54	21.03
3510-2271-348	22D	0.74	8.36	9.70	9.78	9.65	8.59	20.62	22.23	18.54	21.03
3510-2272-348	22D	0.48	3.99	5.05	5.13	5.00	3.94	15.98	17.58	13.89	16.38
3510-2273-348	22D	0.48	5.41	8.20	8.28	8.15	7.09	19.13	20.73	17.04	19.53
	22D	0.48	6.20	7.21	7.29	7.16	6.10	18.14	19.74	16.05	18.54
3510-2275-348	22D	0.48	6.15	6.20	6.27	6.15	5.08	17.12	18.72	15.04	17.53
3510-2276-348	22D	0.76	7.62	6.91	6.99	6.86	5.79	17.83	19.43	15.75	18.24
3510-2277-348	22D	0.48	5.59	9.96	10.03	9.86	8.84	20.88	22.48	18.75	21.29
3510-2278-348	22D	0.48	5.59	8.51	8.59	8.41	7.39	19.43	21.03	17.30	19.84
3510-2279-348	22D	0.69	5.77	11.58	11.66	11.48	10.46	22.50	24.10	20.37	22.91
3510-2280-348	22D	0.64	12.70	12.22	12.29	12.12	11.10	23.14	24.74	21.01	23.55
3510-2281-348	22D	0.48	23.27	17.60	17.68	17.50	16.48	28.52	30.12	26.39	28.93
3510-2282-348	22D	0.48	4.62	10.13	10.21	10.03	9.02	21.06	22.66	18.92	21.46
3510-2283-348	22D	0.48	7.95	0.99	1.07	0.89	NONE	11.91	13.51	9.78	#VALUE!
3510-2284-348	22D	0.81	23.27	17.60	17.68	17.50	16.48	28.52	30.12	26.39	28.93
3510-2285-348	22D	0.48	18.21	41.17	41.25	41.07	40.06	52.10	53.70	49.96	52.50
3510-2286-348	22D	0.48	5.41	8.31	8.38	8.20	7.19	19.23	20.83	17.09	19.63
3510-2287-348	22D	0.74	7.11	5.89	5.97	5.79	4.78	16.81	18.42	14.68	17.22
3510-2288-348	22D	0.48	10.41	10.26	10.34	10.16	9.14	21.18	22.78	19.05	21.59
3510-2289-348	22D	0.48	9.14	9.09	9.17	8.99	7.98	20.02	21.62	17.88	20.42
3510-2290-348	22D	0.51	7.11	13.08	13.16	12.98	11.96	24.00	25.60	21.87	24.41
3510-2291-348	22D	0.48	7.42	5.94	6.02	5.84	4.83	16.87	18.47	14.73	17.27
1510-2294-348	22D	0.48	12.32	8.94	9.02	8.84	7.82	19.86	21.46	17.73	20.27
3510-2294-348	22D	0.48	12.32	8.94	9.02	8.84	7.82	19.86	21.46	17.73	20.27
3510-2295-348	22D	0.61	3.25	13.74	13.82	13.64	12.62	24.66	26.26	22.53	25.07
3510-2299-348	22D	0.51	4.29	4.60	4.67	4.50	3.48	15.52	17.12	13.39	15.93
3510-2223A-348	22D	0.48	6.50	9.47	9.55	9.37	8.36	20.40	22.00	18.26	20.80



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Aerotrionics Socket Part Number	Socket Type	PCB Tail		CONTACT EXTENSION FROM REAR				CONTACT EXTENSION FROM FLANGE			
		O.D.	Length	D38999/20	D38999/20	D38999/24	D38999/24	D38999/20	D38999/20	D38999/24	D38999/24
		±.001	Ref.	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite
3510-2224A-348	22D	0.48	4.95	2.64	2.72	2.54	1.52	13.56	15.16	11.43	13.97
3510-2225A-348	22D	0.48	8.00	7.16	7.24	7.06	6.05	18.08	19.69	15.95	18.49
3510-2226A-348	22D	0.48	3.76	1.40	1.47	1.30	0.28	12.32	13.92	10.19	12.73
3510-2227A-348	22D	0.48	5.87	16.94	17.02	16.84	15.82	27.86	29.46	25.73	28.27
3510-2228A-348	22D	0.48	12.07	5.23	5.31	5.13	4.11	16.15	17.75	14.02	16.56
3510-2229A-348	22D	0.48	6.71	2.46	2.54	2.36	1.35	13.39	14.99	11.25	13.79
3510-2230A-348	22D	0.48	7.24	7.42	7.49	7.32	6.30	18.34	19.94	16.21	18.75
3510-2231A-348	22D	0.48	14.48	18.08	18.16	17.98	16.97	29.01	30.61	26.87	29.41
3510-2232A-348	22D	0.48	7.32	8.81	8.89	8.71	7.70	19.74	21.34	17.60	20.14
3510-2233A-348	22D	0.48	5.84	9.32	9.40	9.22	8.20	20.24	21.84	18.11	20.65
3510-2234A-348	22D	0.48	9.53	2.46	2.54	2.36	1.35	13.39	14.99	11.25	13.79
3510-2235A-348	22D	0.48	5.84	10.26	10.34	10.16	9.14	21.18	22.78	19.05	21.59
3510-2236A-348	22D	0.48	11.81	20.75	20.83	20.65	19.63	31.67	33.27	29.54	32.08
3510-2237A-348	22D	0.48	10.69	8.13	8.20	8.03	7.01	19.05	20.65	16.92	19.46
3510-2238A-348	22D	0.48	9.32	3.66	3.73	3.56	2.54	14.58	16.18	12.45	14.99
3510-2239A-348	22D	0.48	10.03	3.23	3.30	3.12	2.11	14.15	15.75	12.01	14.55
3510-2240A-348	22D	0.48	5.08	9.19	9.27	9.09	8.08	20.12	21.72	17.98	20.52
3510-2242A-348	22D	0.48	5.54	10.21	10.29	10.11	9.09	21.13	22.73	19.00	21.54
3510-2244A-348	22D	0.48	9.40	10.92	11.00	10.82	9.80	21.84	23.44	19.71	22.25
3510-2245A-348	22D	0.48	5.92	8.26	8.33	8.15	7.14	19.18	20.78	17.04	19.58
3510-2246A-348	22D	0.48	4.70	2.51	2.59	2.39	1.40	13.44	15.04	11.28	13.84
3510-2247A-348	22D	0.48	18.67	11.91	11.99	11.76	10.80	22.83	24.43	20.65	23.24
3510-2248A-348	22D	0.48	11.02	15.82	15.90	15.65	14.71	26.75	28.35	24.54	27.15
3510-2249A-348	22D	0.48	15.72	11.40	11.48	11.20	10.29	22.33	23.93	20.09	22.73
3510-2250A-348	22D	0.48	8.00	5.64	5.72	5.41	4.52	16.56	18.16	14.30	16.97
3510-2251A-348	22D	0.48	16.21	13.84	13.92	13.59	12.73	24.77	26.37	22.48	25.17
3510-2252A-348	22D	0.48	6.35	13.82	13.89	13.54	12.70	24.74	26.34	22.43	25.15
3510-2254A-348	22D	0.48	55.55	46.89	46.96	46.56	45.77	57.81	59.41	55.45	58.22
3510-2255A-348	22D	0.48	7.92	0.99	1.07	NONE	NONE	11.91	13.51	#VALUE!	#VALUE!
3510-2258A-348	22D	0.48	3.84	1.12	1.19	NONE	NONE	12.04	13.64	#VALUE!	#VALUE!
3510-2259A-348	22D	0.48	6.45	4.90	4.98	4.67	3.78	15.82	17.42	13.56	16.23
3510-2260A-348	22D	0.48	9.53	6.20	6.27	5.94	5.08	17.12	18.72	14.83	17.53
3510-2261A-348	22D	0.48	5.69	10.34	10.41	10.06	9.22	21.26	22.86	18.95	21.67
3510-2262A-348	22D	0.48	14.45	12.75	12.83	12.45	11.63	23.67	25.27	21.34	24.08
3510-2263A-348	22D	0.48	14.83	14.12	14.20	13.79	13.00	25.04	26.64	22.68	25.45
3510-2264A-348	22D	0.48	4.57	6.48	6.55	6.12	5.36	17.40	19.00	15.01	17.81
3510-2265A-348	22D	0.48	5.00	13.39	13.46	13.00	12.27	24.31	25.91	21.89	24.71



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Aerotronics Socket Part Number	Socket Type	PCB Tail		CONTACT EXTENSION FROM REAR				CONTACT EXTENSION FROM FLANGE			
		O.D.	Length	D38999/20	D38999/20	D38999/24	D38999/24	D38999/20	D38999/20	D38999/24	D38999/24
		±.001	Ref.	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite
3510-2266A-348	22D	0.48	2.54	3.66	3.73	3.25	2.54	14.58	16.18	12.14	14.99
3510-2267A-348	22D	0.48	8.38	6.02	6.10	5.59	4.90	16.94	18.54	14.48	17.35
3510-2268A-348	22D	0.48	8.26	14.81	14.88	14.58	13.69	25.73	27.33	23.47	26.14
3510-2269A-348	22D	0.48	18.87	16.69	16.76	16.43	15.57	27.61	29.21	25.32	28.02
3510-2270A-348	22D	0.48	10.92	8.48	8.56	8.20	7.37	19.41	21.01	17.09	19.81
3510-2271A-348	22D	0.48	5.77	5.11	5.18	4.80	3.99	16.03	17.63	13.69	16.43
3510-2272A-348	22D	0.48	2.54	7.21	7.29	6.88	6.10	18.14	19.74	15.77	18.54
3510-2273A-348	22D	0.48	14.33	11.96	12.04	11.61	10.85	22.89	24.49	20.50	23.29
3510-2274A-348	22D	0.48	2.79	28.98	29.06	28.60	27.86	39.90	41.50	37.49	40.31
3510-2275A-348	22D	0.48	12.93	5.99	6.07	5.59	4.88	16.92	18.52	14.48	17.32
3510-2276A-348	22D	0.48	3.58	4.67	4.75	4.24	3.56	15.60	17.20	13.13	16.00
3510-2277A-348	22D	0.48	3.18	5.13	5.21	4.90	4.01	16.05	17.65	13.79	16.46
3510-2279A-349	22D	0.48	12.93	5.99	6.07	5.72	4.88	16.92	18.52	14.61	17.32
3510-2280A-348	22D	0.48	7.95	7.29	7.37	6.99	6.17	18.21	19.81	15.88	18.62
3510-2281A-348	22D	0.48	2.54	3.91	3.99	3.58	2.79	14.83	16.43	12.47	15.24
3510-2283A-348	22D	0.48	13.34	6.58	6.65	6.20	5.46	17.50	19.10	15.09	17.91
3510-2285A-348	22D	0.48	11.23	4.29	4.37	3.86	3.18	15.21	16.81	12.75	15.62
3510-2286A-348	22D	0.48	6.35	7.21	7.29	6.99	6.10	18.14	19.74	15.88	18.54
3510-2287A-348	22D	0.48	13.00	10.64	10.72	10.39	9.53	21.56	23.16	19.28	21.97
3510-2288A-348	22D	0.48	14.61	12.90	12.98	12.62	11.79	23.83	25.43	21.51	24.23
3510-2289A-348	22D	0.48	7.87	13.06	13.13	12.75	11.94	23.98	25.58	21.64	24.38
3510-2290A-348	22D	0.48	4.72	11.18	11.25	10.85	10.06	22.10	23.70	19.74	22.50
3510-2292A-348	22D	0.48	11.13	13.44	13.51	13.06	12.32	24.36	25.96	21.95	24.77
3510-2293A-348	22D	0.48	10.08	7.72	7.80	7.32	6.60	18.64	20.24	16.21	19.05
3510-2294A-348	22D	0.48	8.59	9.96	10.03	9.53	8.84	20.88	22.48	18.42	21.29
3510-2295A-348	22D	0.48	7.11	3.66	3.73	3.43	2.54	14.58	16.18	12.32	14.99
3510-2296A-348	22D	0.48	8.03	5.28	5.36	5.03	4.17	16.21	17.81	13.92	16.61
3510-2297A-348	22D	0.48	14.02	7.09	7.16	6.81	5.97	18.01	19.61	15.70	18.42
3510-2298A-348	22D	0.48	7.90	9.02	9.09	8.71	7.90	19.94	21.54	17.60	20.35
3510-2299A-348	22D	0.48	11.56	9.37	9.45	9.04	8.26	20.29	21.89	17.93	20.70
3510-2200-349	22M	0.48	3.00	5.38	5.46	5.33	4.27	16.31	17.91	14.22	16.71
3510-2201-349	22M	0.48	3.51	5.89	5.97	5.84	4.78	16.81	18.42	14.73	17.22
3510-2202-349	22M	0.48	3.99	6.38	6.45	6.32	5.26	17.30	18.90	15.21	17.70
3510-2203-349	22M	0.48	4.50	6.88	6.96	6.83	5.77	17.81	19.41	15.72	18.21
3510-2204-349	22M	0.48	5.00	7.39	7.47	7.34	6.27	18.31	19.91	16.23	18.72
3510-2205-349	22M	0.48	5.51	7.90	7.98	7.85	6.78	18.82	20.42	16.74	19.23
3510-2206-349	22M	0.48	5.99	8.38	8.46	8.33	7.26	19.30	20.90	17.22	19.71



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Aerotronics Socket Part Number	Socket Type	PCB Tail		CONTACT EXTENSION FROM REAR				CONTACT EXTENSION FROM FLANGE			
		O.D.	Length	D38999/20	D38999/20	D38999/24	D38999/24	D38999/20	D38999/20	D38999/24	D38999/24
		±.001	Ref.	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite
3510-2207-349	22M	0.48	3.00	4.22	4.29	4.14	3.10	15.14	16.74	13.03	15.54
3510-2208-349	22M	0.48	3.51	4.72	4.80	4.62	3.61	15.65	17.25	13.51	16.05
3510-2209-349	22M	0.48	3.99	5.21	5.28	5.08	4.09	16.13	17.73	13.97	16.54
3510-2210-349	22M	0.48	4.50	5.72	5.79	5.56	4.60	16.64	18.24	14.45	17.04
3510-2211-349	22M	0.48	5.00	6.22	6.30	6.05	5.11	17.15	18.75	14.94	17.55
3510-2212-349	22M	0.48	5.51	6.73	6.81	6.53	5.61	17.65	19.25	15.42	18.06
3510-2213-349	22M	0.48	5.99	7.21	7.29	6.99	6.10	18.14	19.74	15.88	18.54
3510-2214-349	22M	0.48	11.48	10.13	10.21	9.86	9.02	21.06	22.66	18.75	21.46
3510-2215-349	22M	0.48	9.63	5.11	5.18	4.83	3.99	16.03	17.63	13.72	16.43
3510-2249-349	22M	0.66	5.08	3.96	4.04	3.68	2.84	14.88	16.48	12.57	15.29
1510-2251-349	22M	0.76	8.36	9.70	9.78	9.65	8.59	20.62	22.23	18.54	21.03
3510-2251-349	22M	0.76	8.36	9.70	9.78	9.65	8.59	20.62	22.23	18.54	21.03
1510-22LF0-349	22M	0.48	5.00	6.32	6.40	6.27	5.21	17.25	18.85	15.16	17.65
1510-22LF1-349	22M	0.48	3.99	5.31	5.38	5.26	4.19	16.23	17.83	14.15	16.64
1510-22LF2-349	22M	0.48	3.00	4.32	4.39	4.27	3.20	15.24	16.84	13.16	15.65
1510-2000-351	20	0.66	10.16	3.23	3.30	3.18	2.11	14.15	15.75	12.07	14.55
1510-2001-351	20	0.66	5.08	7.42	7.49	7.37	6.30	18.34	19.94	16.26	18.75
1510-2002-351	20	0.48	11.05	8.26	8.33	8.20	7.14	19.18	20.78	17.09	19.58
1510-2003-351	20	0.48	3.45	3.96	4.04	3.91	2.84	14.88	16.48	12.80	15.29
1510-2004-351	20	0.58	7.01	9.78	9.86	9.73	8.66	20.70	22.30	18.62	21.11
3510-2004-351	20	0.58	7.01	9.78	9.86	9.73	8.66	20.70	22.30	18.62	21.11
1510-2005-351	20	0.48	7.65	4.83	4.90	4.78	3.71	15.75	17.35	13.67	16.15
1510-2006-351	20	0.48	3.68	2.97	3.05	2.92	1.85	13.89	15.49	11.81	14.30
3510-2007-351	20	0.48	4.57	3.86	3.94	3.81	2.74	14.78	16.38	12.70	15.19
1510-2008-351	20	0.48	5.54	4.83	4.90	4.78	3.71	15.75	17.35	13.67	16.15
3510-2009-351	20	0.48	10.39	2.92	3.00	2.87	1.80	13.84	15.44	11.76	14.25
1510-2010-351	20	0.48	16.23	13.51	13.59	13.46	12.40	24.43	26.04	22.35	24.84
1510-2011-351	20	0.48	4.45	7.14	7.21	7.09	6.02	18.06	19.66	15.98	18.47
1510-2012-351	20	0.74	8.36	9.70	9.78	9.65	8.59	20.62	22.23	18.54	21.03
1510-2013-351	20	0.48	3.99	5.05	5.13	5.00	3.94	15.98	17.58	13.89	16.38
1510-2014-351	20	0.99	8.26	17.42	17.50	17.37	16.31	28.35	29.95	26.26	28.75
1510-2015-351	20	0.48	5.41	8.20	8.28	8.15	7.09	19.13	20.73	17.04	19.53
1510-2016-351	20	0.48	6.20	7.21	7.29	7.16	6.10	18.14	19.74	16.05	18.54
1510-2017-351	20	0.48	23.27	17.60	17.68	17.55	16.48	28.52	30.12	26.44	28.93
1510-2018-351	20	0.81	23.27	17.60	17.68	17.55	16.48	28.52	30.12	26.44	28.93
1510-2019-351	20	0.48	4.50	10.82	10.90	10.77	9.70	21.74	23.34	19.66	22.15
3510-2021-351	20	0.51	7.87	8.56	8.64	8.51	7.44	19.48	21.08	17.40	19.89



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Aerotronics Socket Part Number	Socket Type	PCB Tail		CONTACT EXTENSION FROM REAR				CONTACT EXTENSION FROM FLANGE			
		O.D.	Length	D38999/20	D38999/20	D38999/24	D38999/24	D38999/20	D38999/20	D38999/24	D38999/24
		±.001	Ref.	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite
3510-2023-351	20	0.61	5.59	9.70	9.78	9.65	8.59	20.62	22.23	18.54	21.03
3510-2025-351	20	0.76	8.86	1.96	2.03	1.91	0.84	12.88	14.48	10.80	13.28
3510-2026-351	20	0.76	19.63	12.73	12.80	12.67	11.61	23.65	25.25	21.56	24.05
1510-2029-351	20	0.76	10.03	16.69	16.76	16.64	15.57	27.61	29.21	25.53	28.02
1510-2031-351	20	0.76	7.62	16.69	16.76	16.64	15.57	27.61	29.21	25.53	28.02
3510-2032-351	20	0.48	5.08	15.44	15.52	15.39	14.33	26.37	27.97	24.28	26.77
3510-2033-351	20	0.51	2.29	2.16	2.24	2.11	1.04	13.08	14.68	11.00	13.49
3510-2036-351	20	0.48	5.84	5.13	5.21	5.03	4.01	16.05	17.65	13.92	16.46
3510-2037-351	20	0.48	11.51	8.26	8.33	8.15	7.14	19.18	20.78	17.04	19.58
3510-2038-351	20	0.76	6.20	9.47	9.55	9.42	8.36	20.40	22.00	18.31	20.80
3510-2039-351	20	0.76	9.65	10.21	10.29	10.16	9.09	21.13	22.73	19.05	21.54
3510-2040-351	20	1.22	4.88	11.91	11.99	11.86	10.80	22.83	24.43	20.75	23.24
1510-2041-351	20	0.48	5.97	4.50	4.57	4.45	3.38	15.42	17.02	13.34	15.82
1510-2042-351	20	0.48	12.04	7.67	7.75	7.62	6.55	18.59	20.19	16.51	19.00
1510-2043-351	20	0.48	23.55	16.15	16.23	16.05	15.04	27.08	28.68	24.94	27.48
1510-2044-351	20	0.48	13.67	11.05	11.13	10.95	9.93	21.97	23.57	19.84	22.38
1510-2045-351	20	0.48	12.22	4.83	4.90	4.72	3.71	15.75	17.35	13.61	16.15
3510-2047-351	20	0.64	14.02	8.26	8.33	8.20	7.14	19.18	20.78	17.09	19.58
3510-2048-351	20	0.64	6.32	3.94	4.01	3.89	2.82	14.86	16.46	12.78	15.27
3510-2049-351	20	0.64	9.53	11.35	11.43	11.30	10.24	22.28	23.88	20.19	22.68
3510-2050-351	20	0.76	7.62	7.47	7.54	7.42	6.35	18.39	19.99	16.31	18.80
3510-2051-351	20	0.76	7.62	14.27	14.35	14.22	13.16	25.20	26.80	23.11	25.60
3510-2053-351	20	0.64	10.67	8.26	8.33	8.20	7.14	19.18	20.78	17.09	19.58
3510-2054-351	20	0.64	8.38	5.97	6.05	5.92	4.85	16.89	18.49	14.81	17.30
3510-2055-351	20	0.64	3.94	6.55	6.63	6.50	5.44	17.48	19.08	15.39	17.88
3510-2056-351	20	0.64	9.27	2.34	2.41	2.29	1.22	13.26	14.86	11.18	13.67
3510-2057-351	20	0.64	8.13	7.24	7.32	7.19	6.12	18.16	19.76	16.08	18.57
3510-2058-351	20	0.64	6.58	9.47	9.55	9.42	8.36	20.40	22.00	18.31	20.80
3510-2059-351	20	0.64	10.80	8.56	8.64	8.51	7.44	19.48	21.08	17.40	19.89
3510-2060-351	20	0.64	3.00	5.38	5.46	5.33	4.27	16.31	17.91	14.22	16.71
3510-2061-351	20	0.64	3.51	5.89	5.97	5.84	4.78	16.81	18.42	14.73	17.22
3510-2062-351	20	0.64	3.99	6.38	6.45	6.32	5.26	17.30	18.90	15.21	17.70
3510-2063-351	20	0.64	4.50	6.88	6.96	6.83	5.77	17.81	19.41	15.72	18.21
3510-2064-351	20	0.64	5.00	7.39	7.47	7.34	6.27	18.31	19.91	16.23	18.72
3510-2065-351	20	0.64	5.51	7.90	7.98	7.85	6.78	18.82	20.42	16.74	19.23
3510-2066-351	20	0.64	5.99	8.38	8.46	8.33	7.26	19.30	20.90	17.22	19.71
3510-2067-351	20	0.64	8.69	0.94	1.02	0.89	NONE	11.86	13.46	9.78	#VALUE!



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Aerotronics Socket Part Number	Socket Type	PCB Tail		CONTACT EXTENSION FROM REAR				CONTACT EXTENSION FROM FLANGE			
		O.D.	Length	D38999/20	D38999/20	D38999/24	D38999/24	D38999/20	D38999/20	D38999/24	D38999/24
		±.001	Ref.	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite
3510-2068-351	20	0.64	7.65	5.26	5.33	5.21	4.14	16.18	17.78	14.10	16.59
3510-2069-351	20	0.64	10.16	3.23	3.30	3.18	2.11	14.15	15.75	12.07	14.55
3510-2071-351	20	0.64	3.00	4.22	4.29	4.17	3.10	15.14	16.74	13.06	15.54
3510-2072-351	20	0.64	3.51	4.72	4.80	4.67	3.61	15.65	17.25	13.56	16.05
3510-2073-351	20	0.64	3.99	5.21	5.28	5.16	4.09	16.13	17.73	14.05	16.54
3510-2074-351	20	0.64	4.50	5.72	5.79	5.66	4.60	16.64	18.24	14.55	17.04
3510-2075-351	20	0.64	5.00	6.22	6.30	6.17	5.11	17.15	18.75	15.06	17.55
3510-2076-351	20	0.64	5.51	6.73	6.81	6.68	5.61	17.65	19.25	15.57	18.06
3510-2077-351	20	0.64	5.99	7.21	7.29	7.16	6.10	18.14	19.74	16.05	18.54
3510-2078-351	20	0.48	6.15	6.20	6.27	6.15	5.08	17.12	18.72	15.04	17.53
3510-2079-351	20	0.76	9.83	2.92	3.00	2.87	1.80	13.84	15.44	11.76	14.25
3510-2080-351	20	0.61	16.13	11.48	11.56	11.43	10.36	22.40	24.00	20.32	22.81
3510-2081-351	20	0.99	7.11	5.89	5.97	5.84	4.78	16.81	18.42	14.73	17.22
3510-2082-351	20	0.48	8.20	5.97	6.05	5.92	4.85	16.89	18.49	14.81	17.30
3510-2083-351	20	0.48	9.91	7.29	7.37	7.24	6.17	18.21	19.81	16.13	18.62
3510-2084-351	20	0.48	9.40	6.78	6.86	6.73	5.66	17.70	19.30	15.62	18.11
3510-2086-351	20	0.48	9.65	13.54	13.61	13.49	12.42	24.46	26.06	22.38	24.87
3510-2087-351	20	0.48	7.32	4.70	4.78	4.65	3.58	15.62	17.22	13.54	16.03
3510-2088-351	20	0.48	7.06	6.35	6.43	6.30	5.23	17.27	18.87	15.19	17.68
3510-2089-351	20	0.48	3.30	7.98	8.05	7.92	6.86	18.90	20.50	16.81	19.30
1510-2090-351	20	0.76	7.62	16.94	17.02	16.89	15.82	27.86	29.46	25.78	28.27
3510-2091-351	20	0.48	8.26	9.07	9.14	9.02	7.95	19.99	21.59	17.91	20.40
3510-2092-351	20	0.51	14.35	14.45	14.53	14.35	13.34	25.37	26.97	23.24	25.78
3510-2093-351	20	0.64	10.16	10.11	10.19	10.01	8.99	21.03	22.63	18.90	21.44
3510-2094-351	20	0.81	10.16	10.26	10.34	10.16	9.14	21.18	22.78	19.05	21.59
3510-2095-351	20	0.61	7.11	13.08	13.16	12.98	11.96	24.00	25.60	21.87	24.41
1510-2096-351	20	0.48	10.57	8.26	8.33	8.15	7.14	19.18	20.78	17.04	19.58
3510-2097-351	20	0.66	12.70	5.77	5.84	5.66	4.65	16.69	18.29	14.55	17.09
3510-2098-351	20	1.02	6.35	11.53	11.61	11.43	10.41	22.45	24.05	20.32	22.86
3510-1600-352	16	0.64	11.07	5.38	5.46	5.33	4.27	16.31	17.91	14.22	16.71
3510-1601-352	16	0.64	4.67	2.97	3.05	2.92	1.85	13.89	15.49	11.81	14.30
3510-1602-352	16	0.64	5.56	3.86	3.94	3.81	2.74	14.78	16.38	12.70	15.19
3510-1603-352	16	0.64	4.45	7.14	7.21	7.09	6.02	18.06	19.66	15.98	18.47
3510-1604-352	16	1.02	4.45	7.14	7.21	7.09	6.02	18.06	19.66	15.98	18.47
3510-1605-352	16	1.57	8.26	17.42	17.50	17.37	16.31	28.35	29.95	26.26	28.75
3510-1606-352	16	1.57	2.29	2.16	2.24	2.11	1.04	13.08	14.68	11.00	13.49
3510-1607-352	16	1.02	13.87	5.89	5.97	5.84	4.78	16.81	18.42	14.73	17.22



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Aerotrronics Socket Part Number	Socket Type	PCB Tail		CONTACT EXTENSION FROM REAR				CONTACT EXTENSION FROM FLANGE			
		O.D.	Length	D38999/20	D38999/20	D38999/24	D38999/24	D38999/20	D38999/20	D38999/24	D38999/24
		±.001	Ref.	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite
3510-1608-352	16	1.02	5.59	9.70	9.78	9.65	8.59	20.62	22.23	18.54	21.03
3510-1609-352	16	1.57	7.62	16.69	16.76	16.64	15.57	27.61	29.21	25.53	28.02
3510-1610-352	16	0.74	7.62	8.18	8.26	8.13	7.06	19.10	20.70	17.02	19.51
3510-1611-352	16	0.74	8.38	8.94	9.02	8.89	7.82	19.86	21.46	17.78	20.27
1510-1618-352	16	1.59	8.36	9.70	9.78	9.65	8.59	20.62	22.23	18.54	21.03
3510-1619-352	16	1.16	21.59	10.82	10.90	10.77	9.70	21.74	23.34	19.66	22.15
3510-1621-352	16	1.57	3.00	5.38	5.46	5.33	4.27	16.31	17.91	14.22	16.71
3510-1623-352	16	1.57	3.51	5.89	5.97	5.84	4.78	16.81	18.42	14.73	17.22
3510-1625-352	16	1.57	3.99	6.38	6.45	6.32	5.26	17.30	18.90	15.21	17.70
3510-1626-352	16	1.57	4.50	6.88	6.96	6.83	5.77	17.81	19.41	15.72	18.21
3510-1627-352	16	1.57	5.00	7.39	7.47	7.34	6.27	18.31	19.91	16.23	18.72
3510-1628-352	16	1.57	5.51	7.90	7.98	7.85	6.78	18.82	20.42	16.74	19.23
3510-1629-352	16	1.57	5.99	8.38	8.46	8.33	7.26	19.30	20.90	17.22	19.71
3510-1630-352	16	1.57	3.00	4.22	4.29	4.17	3.10	15.14	16.74	13.06	15.54
3510-1631-352	16	1.57	3.51	4.72	4.80	4.67	3.61	15.65	17.25	13.56	16.05
3510-1632-352	16	1.57	3.99	5.21	5.28	5.16	4.09	16.13	17.73	14.05	16.54
3510-1633-352	16	1.57	4.50	5.72	5.79	5.66	4.60	16.64	18.24	14.55	17.04
3510-1634-352	16	1.57	5.00	6.22	6.30	6.17	5.11	17.15	18.75	15.06	17.55
3510-1635-352	16	1.57	5.51	6.73	6.81	6.68	5.61	17.65	19.25	15.57	18.06
3510-1636-352	16	1.57	5.99	7.21	7.29	7.16	6.10	18.14	19.74	16.05	18.54
3510-1637-352	16	0.71	10.67	5.61	5.69	5.51	4.50	16.54	18.14	14.40	16.94
3510-1638-352	16	1.57	7.62	16.79	16.87	16.74	15.67	27.71	29.31	25.63	28.12
3510-1639-352	16	1.57	5.41	5.16	5.23	5.11	4.04	16.08	17.68	14.00	16.48
3510-1640-352	16	0.71	10.64	6.12	6.20	6.07	5.00	17.04	18.64	14.96	17.45
3510-1641-352	16	1.57	7.65	4.93	5.00	4.88	3.81	15.85	17.45	13.77	16.26
3510-1642-352	16	1.57	7.11	5.89	5.97	5.84	4.78	16.81	18.42	14.73	17.22
3510-1643-352	16	1.57	6.15	6.20	6.27	6.15	5.08	17.12	18.72	15.04	17.53
3510-1644-352	16	1.57	3.30	7.98	8.05	7.92	6.86	18.90	20.50	16.81	19.30
3510-1645-352	16	1.02	9.65	7.16	7.24	7.11	6.05	18.08	19.69	16.00	18.49
3510-1646-352	16	0.64	6.35	6.45	6.53	6.35	5.33	17.37	18.97	15.24	17.78
3510-1647-352	16	1.57	14.35	14.45	14.53	14.35	13.34	25.37	26.97	23.24	25.78
3510-1648-353	16	1.27	4.45	5.77	5.84	5.66	4.65	16.69	18.29	14.55	17.09
3510-1649-352	16	1.37	3.51	3.51	3.58	3.40	2.39	14.43	16.03	12.29	14.83
3510-1650-352	16	1.12	5.08	5.05	5.13	5.00	3.94	15.98	17.58	13.89	16.38
3510-1651-352	16	1.02	5.08	4.06	4.14	3.99	2.95	14.99	16.59	12.88	15.39
1510-1652-352	16	1.02	10.49	8.26	8.33	8.18	7.14	19.18	20.78	17.07	19.58
3510-1652-352	16	1.02	10.49	8.26	8.33	8.18	7.14	19.18	20.78	17.07	19.58



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

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D38999 Series III PCB TAIL SOCKETS (METRIC) with FLANGE Stick-Out

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Aerotronics Socket Part Number	Socket Type	PCB Tail		CONTACT EXTENSION FROM REAR				CONTACT EXTENSION FROM FLANGE			
		O.D.	Length	D38999/20	D38999/20	D38999/24	D38999/24	D38999/20	D38999/20	D38999/24	D38999/24
		±.001	Ref.	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite
3510-1653-352	16	1.57	9.22	4.85	4.93	4.78	3.73	15.77	17.37	13.67	16.18
3510-1654-352	16	1.57	6.35	11.53	11.61	11.46	10.41	22.45	24.05	20.35	22.86
3510-1200-353	12	2.08	3.00	5.38	5.46	5.33	4.27	16.31	17.91	14.22	16.71
3510-1201-353	12	2.08	18.82	10.74	10.82	10.69	9.63	21.67	23.27	19.58	22.07
3510-1202-353	12	2.08	3.68	2.97	3.05	2.92	1.85	13.89	15.49	11.81	14.30
3510-1203-353	12	2.08	7.01	9.40	9.47	9.35	8.28	20.32	21.92	18.24	20.73
3510-1204-353	12	2.08	4.57	3.86	3.94	3.81	2.74	14.78	16.38	12.70	15.19
3510-1205-353	12	2.08	3.51	5.89	5.97	5.84	4.78	16.81	18.42	14.73	17.22
3510-1206-353	12	2.39	8.26	17.42	17.50	17.37	16.31	28.35	29.95	26.26	28.75
3510-1207-353	12	2.08	3.99	6.38	6.45	6.32	5.26	17.30	18.90	15.21	17.70
3510-1208-353	12	2.08	4.50	6.88	6.96	6.83	5.77	17.81	19.41	15.72	18.21
3510-1209-353	12	2.08	5.00	7.39	7.47	7.34	6.27	18.31	19.91	16.23	18.72
3510-1210-353	12	2.08	5.51	7.90	7.98	7.85	6.78	18.82	20.42	16.74	19.23
3510-1211-353	12	2.08	5.99	8.38	8.46	8.33	7.26	19.30	20.90	17.22	19.71
1510-1213-353	12	2.39	8.36	9.70	9.78	9.65	8.59	20.62	22.23	18.54	21.03
3510-1214-353	12	2.39	7.11	7.14	7.21	7.04	6.02	18.06	19.66	15.93	18.47
3510-1230-353	12	2.08	3.00	4.22	4.29	4.17	3.10	15.14	16.74	13.06	15.54
3510-1231-353	12	2.08	3.51	4.72	4.80	4.67	3.61	15.65	17.25	13.56	16.05
3510-1232-353	12	2.08	3.99	5.21	5.28	5.16	4.09	16.13	17.73	14.05	16.54
3510-1233-353	12	2.08	4.50	5.72	5.79	5.66	4.60	16.64	18.24	14.55	17.04
3510-1234-353	12	2.08	5.00	6.22	6.30	6.17	5.11	17.15	18.75	15.06	17.55
3510-1235-353	12	2.08	5.51	6.73	6.81	6.68	5.61	17.65	19.25	15.57	18.06
3510-1236-353	12	2.08	5.99	7.21	7.29	7.16	6.10	18.14	19.74	16.05	18.54
3510-1237-353	12	2.39	14.35	14.45	14.53	14.35	13.34	25.37	26.97	23.24	25.78
3510-1238-353	12	2.08	4.45	5.77	5.84	5.66	4.65	16.69	18.29	14.55	17.09
3510-1239-353	12	2.06	7.26	4.85	4.93	4.75	3.73	15.77	17.37	13.64	16.18
3510-1240-353	12	2.06	14.99	2.79	2.87	2.69	1.68	13.72	15.32	11.58	14.12
3510-1241-353	12	2.06	20.70	8.51	8.59	8.41	7.39	19.43	21.03	17.30	19.84
3510-1242-353	12	1.80	3.25	13.74	13.82	13.64	12.62	24.66	26.26	22.53	25.07
3510-1243-353	12	2.06	6.35	11.53	11.61	11.43	10.41	22.45	24.05	20.32	22.86