



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
3510-2200-348	22D	.019	0.230	0.202	0.205	0.200	0.158	0.632	0.695	0.550	0.648
1510-2201-348	22D	.019	0.570	0.500	0.503	0.498	0.456	0.930	0.993	0.848	0.946
3510-2201-348	22D	.019	0.570	0.500	0.503	0.498	0.456	0.930	0.993	0.848	0.946
1510-2202-348	22D	.019	0.421	0.325	0.328	0.323	0.281	0.755	0.818	0.673	0.771
3510-2202-348	22D	.019	0.421	0.326	0.329	0.324	0.282	0.756	0.819	0.674	0.772
1510-2203-348	22D	.019	0.281	0.185	0.188	0.183	0.141	0.615	0.678	0.533	0.631
3510-2203-348	22D	.019	0.281	0.185	0.188	0.183	0.141	0.615	0.678	0.533	0.631
3510-2204-348	22D	.019	0.578	0.482	0.485	0.480	0.438	0.912	0.975	0.830	0.928
3510-2205-348	22D	.019	0.145	0.117	0.120	0.115	0.073	0.547	0.610	0.465	0.563
1510-2206-348	22D	.019	0.219	0.123	0.126	0.121	0.079	0.553	0.616	0.471	0.569
3510-2206-348	22D	.019	0.219	0.123	0.126	0.121	0.079	0.553	0.616	0.471	0.569
3510-2207-348	22D	.020	0.541	0.513	0.516	0.511	0.469	0.943	1.006	0.861	0.959
3510-2208-348	22D	.020	0.537	0.493	0.496	0.491	0.449	0.923	0.986	0.841	0.939
1510-2209-348	22D	.019	0.398	0.845	0.848	0.843	0.801	1.275	1.338	1.193	1.291
3510-2209-348	22D	.019	0.398	0.845	0.848	0.843	0.801	1.275	1.338	1.193	1.291
3510-2210-348	22D	.019	0.136	0.156	0.159	0.154	0.112	0.586	0.649	0.504	0.602
3510-2211-348	22D	.023	0.157	0.204	0.207	0.202	0.160	0.634	0.697	0.552	0.650
3510-2212-348	22D	.019	0.488	0.400	0.403	0.398	0.356	0.830	0.893	0.748	0.846
3510-2213-348	22D	.019	0.340	0.117	0.120	0.115	0.073	0.547	0.610	0.465	0.563
1510-2214-348	22D	.019	0.363	0.268	0.271	0.266	0.224	0.698	0.761	0.616	0.714



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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	.019	0.363	0.268	0.271	0.266	0.224	0.698	0.761	0.616	0.714
3510-2215-348	22D	.019	0.378	0.199	0.202	0.197	0.155	0.629	0.692	0.547	0.645
1510-2216-348	22D	.019	0.769	0.590	0.593	0.588	0.546	1.020	1.083	0.938	1.036
3510-2216-348	22D	.019	0.769	0.590	0.593	0.588	0.546	1.020	1.083	0.938	1.036
3510-2218-348	22D	.019	0.509	0.234	0.237	0.232	0.190	0.664	0.727	0.582	0.680
1510-2219-348	22D	.019	0.278	0.845	0.848	0.843	0.801	1.275	1.338	1.193	1.291
3510-2220-348	22D	.019	0.276	0.259	0.262	0.257	0.215	0.689	0.752	0.607	0.705
3510-2227-348	22D	.019	0.327	0.337	0.340	0.335	0.293	0.767	0.830	0.685	0.783
3510-2228-348	22D	.019	0.326	0.783	0.786	0.781	0.739	1.213	1.276	1.131	1.229
3510-2229-348	22D	.019	0.178	0.426	0.429	0.424	0.382	0.856	0.919	0.774	0.872
3510-2230-348	22D	.019	0.236	0.352	0.355	0.350	0.308	0.782	0.845	0.700	0.798
3510-2231-348	22D	.019	0.180	0.152	0.155	0.150	0.108	0.582	0.645	0.500	0.598
3510-2232-348	22D	.019	0.150	0.290	0.293	0.288	0.246	0.720	0.783	0.638	0.736
1510-2233-348	22D	.019	0.512	0.628	0.631	0.626	0.584	1.058	1.121	0.976	1.074
3510-2234-348	22D	.026	0.233	0.325	0.328	0.323	0.281	0.755	0.818	0.673	0.771
3510-2235-348	22D	.019	0.125	0.034	0.037	0.032	NONE	0.464	0.527	0.382	NONE
3510-2236-348	22D	.019	0.145	0.117	0.120	0.115	0.073	0.547	0.610	0.465	0.563
3510-2237-348	22D	.019	0.218	0.190	0.193	0.188	0.146	0.620	0.683	0.538	0.636
1510-2238-348	22D	.020	0.313	0.285	0.288	0.283	0.241	0.715	0.778	0.633	0.731
3510-2239-348	22D	.019	0.175	0.289	0.292	0.287	0.245	0.719	0.782	0.637	0.735
3510-2241-348	22D	.028	0.158	0.212	0.215	0.210	0.168	0.642	0.705	0.560	0.658
3510-2242-348	22D	.020	0.258	0.306	0.309	0.304	0.262	0.736	0.799	0.654	0.752
3510-2243-348	22D	.019	0.090	0.085	0.088	0.083	0.041	0.515	0.578	0.433	0.531
1510-2244-348	22D	.019	0.307	0.879	0.882	0.877	0.835	1.309	1.372	1.227	1.325
1510-2245-348	22D	.019	0.474	0.302	0.305	0.300	0.258	0.732	0.795	0.650	0.748
3510-2246-348	22D	.019	0.130	0.314	0.317	0.310	0.270	0.744	0.807	0.660	0.760
3510-2247-348	22D	.019	0.315	0.348	0.351	0.346	0.304	0.778	0.841	0.696	0.794
3510-2248-348	22D	.019	0.221	0.858	0.861	0.856	0.814	1.288	1.351	1.206	1.304
3510-2249-348	22D	.028	0.160	0.161	0.164	0.159	0.117	0.591	0.654	0.509	0.607
3510-2250-348	22D	.026	0.233	0.325	0.328	0.321	0.281	0.755	0.818	0.671	0.771
3510-2252-348	22D	.019	0.300	0.447	0.450	0.443	0.403	0.877	0.940	0.793	0.893
3510-2253-348	22D	.020	0.355	0.257	0.260	0.253	0.213	0.687	0.750	0.603	0.703
3510-2254-348	22D	.020	0.400	0.301	0.304	0.297	0.257	0.731	0.794	0.647	0.747
3510-2255-348	22D	.019	0.265	0.617	0.620	0.613	0.573	1.047	1.110	0.963	1.063
3510-2256-348	22D	.019	0.222	0.212	0.215	0.208	0.168	0.642	0.705	0.558	0.658
3510-2257-348	22D	.032	0.400	0.404	0.407	0.400	0.360	0.834	0.897	0.750	0.850
3510-2258-348	22D	.020	0.132	0.114	0.117	0.110	0.070	0.544	0.607	0.460	0.560



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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	.029	0.300	0.349	0.352	0.345	0.305	0.779	0.842	0.695	0.795
3510-2260-348	22D	.019	0.275	0.206	0.209	0.204	0.162	0.636	0.699	0.554	0.652
3510-2263-348	22D	.019	0.150	0.055	0.058	0.053	NONE	0.485	0.548	0.403	NONE
1510-2264-348	22D	.019	0.240	0.587	0.590	0.585	0.543	1.017	1.080	0.935	1.033
3510-2264-348	22D	.019	0.240	0.587	0.590	0.585	0.543	1.017	1.080	0.935	1.033
3510-2265-348	22D	.019	0.175	0.239	0.242	0.237	0.195	0.669	0.732	0.587	0.685
3510-2266-348	22D	.019	0.175	0.687	0.690	0.685	0.643	1.117	1.180	1.035	1.133
3510-2267-348	22D	.019	0.175	0.281	0.284	0.279	0.237	0.711	0.774	0.629	0.727
3510-2268-348	22D	.019	0.180	0.260	0.263	0.258	0.216	0.690	0.753	0.608	0.706
3510-2269-348	22D	.020	0.395	0.456	0.459	0.454	0.412	0.886	0.949	0.804	0.902
1510-2271-348	22D	.029	0.329	0.382	0.385	0.380	0.338	0.812	0.875	0.730	0.828
3510-2271-348	22D	.029	0.329	0.382	0.385	0.380	0.338	0.812	0.875	0.730	0.828
3510-2272-348	22D	.019	0.157	0.199	0.202	0.197	0.155	0.629	0.692	0.547	0.645
3510-2273-348	22D	.019	0.213	0.323	0.326	0.321	0.279	0.753	0.816	0.671	0.769
3510-2274-348	22D	.019	0.244	0.284	0.287	0.282	0.240	0.714	0.777	0.632	0.730
3510-2275-348	22D	.019	0.242	0.244	0.247	0.242	0.200	0.674	0.737	0.592	0.690
3510-2276-348	22D	.030	0.300	0.272	0.275	0.270	0.228	0.702	0.765	0.620	0.718
3510-2277-348	22D	.019	0.220	0.392	0.395	0.388	0.348	0.822	0.885	0.738	0.838
3510-2278-348	22D	.019	0.220	0.335	0.338	0.331	0.291	0.765	0.828	0.681	0.781
3510-2279-348	22D	.027	0.227	0.456	0.459	0.452	0.412	0.886	0.949	0.802	0.902
3510-2280-348	22D	.025	0.500	0.481	0.484	0.477	0.437	0.911	0.974	0.827	0.927
3510-2281-348	22D	.019	0.916	0.693	0.696	0.689	0.649	1.123	1.186	1.039	1.139
3510-2282-348	22D	.019	0.182	0.399	0.402	0.395	0.355	0.829	0.892	0.745	0.845
3510-2283-348	22D	.019	0.313	0.039	0.042	0.035	NONE	0.469	0.532	0.385	NONE
3510-2284-348	22D	.032	0.916	0.693	0.696	0.689	0.649	1.123	1.186	1.039	1.139
3510-2285-348	22D	.019	0.717	1.621	1.624	1.617	1.577	2.051	2.114	1.967	2.067
3510-2286-348	22D	.019	0.213	0.327	0.330	0.323	0.283	0.757	0.820	0.673	0.773
3510-2287-348	22D	.029	0.280	0.232	0.235	0.228	0.188	0.662	0.725	0.578	0.678
3510-2288-348	22D	.019	0.410	0.404	0.407	0.400	0.360	0.834	0.897	0.750	0.850
3510-2289-348	22D	.019	0.360	0.358	0.361	0.354	0.314	0.788	0.851	0.704	0.804
3510-2290-348	22D	.020	0.280	0.515	0.518	0.511	0.471	0.945	1.008	0.861	0.961
3510-2291-348	22D	.019	0.292	0.234	0.237	0.230	0.190	0.664	0.727	0.580	0.680
1510-2294-348	22D	.019	0.485	0.352	0.355	0.348	0.308	0.782	0.845	0.698	0.798
3510-2294-348	22D	.019	0.485	0.352	0.355	0.348	0.308	0.782	0.845	0.698	0.798
3510-2295-348	22D	.024	0.128	0.541	0.544	0.537	0.497	0.971	1.034	0.887	0.987
3510-2299-348	22D	.020	0.169	0.181	0.184	0.177	0.137	0.611	0.674	0.527	0.627
3510-2223A-348	22D	.019	0.256	0.373	0.376	0.369	0.329	0.803	0.866	0.719	0.819



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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
3510-2224A-348	22D	.019	0.195	0.104	0.107	0.100	0.060	0.534	0.597	0.450	0.550
3510-2225A-348	22D	.019	0.315	0.282	0.285	0.278	0.238	0.712	0.775	0.628	0.728
3510-2226A-348	22D	.019	0.148	0.055	0.058	0.051	0.011	0.485	0.548	0.401	0.501
3510-2227A-348	22D	.019	0.231	0.667	0.670	0.663	0.623	1.097	1.160	1.013	1.113
3510-2228A-348	22D	.019	0.475	0.206	0.209	0.202	0.162	0.636	0.699	0.552	0.652
3510-2229A-348	22D	.019	0.264	0.097	0.100	0.093	0.053	0.527	0.590	0.443	0.543
3510-2230A-348	22D	.019	0.285	0.292	0.295	0.288	0.248	0.722	0.785	0.638	0.738
3510-2231A-348	22D	.019	0.570	0.712	0.715	0.708	0.668	1.142	1.205	1.058	1.158
3510-2232A-348	22D	.019	0.288	0.347	0.350	0.343	0.303	0.777	0.840	0.693	0.793
3510-2233A-348	22D	.019	0.230	0.367	0.370	0.363	0.323	0.797	0.860	0.713	0.813
3510-2234A-348	22D	.019	0.375	0.097	0.100	0.093	0.053	0.527	0.590	0.443	0.543
3510-2235A-348	22D	.019	0.230	0.404	0.407	0.400	0.360	0.834	0.897	0.750	0.850
3510-2236A-348	22D	.019	0.465	0.817	0.820	0.813	0.773	1.247	1.310	1.163	1.263
3510-2237A-348	22D	.019	0.421	0.320	0.323	0.316	0.276	0.750	0.813	0.666	0.766
3510-2238A-348	22D	.019	0.367	0.144	0.147	0.140	0.100	0.574	0.637	0.490	0.590
3510-2239A-348	22D	.019	0.395	0.127	0.130	0.123	0.083	0.557	0.620	0.473	0.573
3510-2240A-348	22D	.019	0.200	0.362	0.365	0.358	0.318	0.792	0.855	0.708	0.808
3510-2242A-348	22D	.019	0.218	0.402	0.405	0.398	0.358	0.832	0.895	0.748	0.848
3510-2244A-348	22D	.019	0.370	0.430	0.433	0.426	0.386	0.860	0.923	0.776	0.876
3510-2245A-348	22D	.019	0.233	0.325	0.328	0.321	0.281	0.755	0.818	0.671	0.771
3510-2246A-348	22D	.019	0.185	0.099	0.102	0.094	0.055	0.529	0.592	0.444	0.545
3510-2247A-348	22D	.019	0.735	0.469	0.472	0.463	0.425	0.899	0.962	0.813	0.915
3510-2248A-348	22D	.019	0.434	0.623	0.626	0.616	0.579	1.053	1.116	0.966	1.069
3510-2249A-348	22D	.019	0.619	0.449	0.452	0.441	0.405	0.879	0.942	0.791	0.895
3510-2250A-348	22D	.019	0.315	0.222	0.225	0.213	0.178	0.652	0.715	0.563	0.668
3510-2251A-348	22D	.019	0.638	0.545	0.548	0.535	0.501	0.975	1.038	0.885	0.991
3510-2252A-348	22D	.019	0.250	0.544	0.547	0.533	0.500	0.974	1.037	0.883	0.990
3510-2254A-348	22D	.019	2.187	1.846	1.849	1.833	1.802	2.276	2.339	2.183	2.292
3510-2255A-348	22D	.019	0.312	0.039	0.042	NONE	NONE	0.469	0.532	NONE	NONE
3510-2258A-348	22D	.019	0.151	0.044	0.047	NONE	NONE	0.474	0.537	NONE	NONE
3510-2259A-348	22D	.019	0.254	0.193	0.196	0.184	0.149	0.623	0.686	0.534	0.639
3510-2260A-348	22D	.019	0.375	0.244	0.247	0.234	0.200	0.674	0.737	0.584	0.690
3510-2261A-348	22D	.019	0.224	0.407	0.410	0.396	0.363	0.837	0.900	0.746	0.853
3510-2262A-348	22D	.019	0.569	0.502	0.505	0.490	0.458	0.932	0.995	0.840	0.948
3510-2263A-348	22D	.019	0.584	0.556	0.559	0.543	0.512	0.986	1.049	0.893	1.002
3510-2264A-348	22D	.019	0.180	0.255	0.258	0.241	0.211	0.685	0.748	0.591	0.701
3510-2265A-348	22D	.019	0.197	0.527	0.530	0.512	0.483	0.957	1.020	0.862	0.973



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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	.019	0.100	0.144	0.147	0.128	0.100	0.574	0.637	0.478	0.590
3510-2267A-348	22D	.019	0.330	0.237	0.240	0.220	0.193	0.667	0.730	0.570	0.683
3510-2268A-348	22D	.019	0.325	0.583	0.586	0.574	0.539	1.013	1.076	0.924	1.029
3510-2269A-348	22D	.019	0.743	0.657	0.660	0.647	0.613	1.087	1.150	0.997	1.103
3510-2270A-348	22D	.019	0.430	0.334	0.337	0.323	0.290	0.764	0.827	0.673	0.780
3510-2271A-348	22D	.019	0.227	0.201	0.204	0.189	0.157	0.631	0.694	0.539	0.647
3510-2272A-348	22D	.019	0.100	0.284	0.287	0.271	0.240	0.714	0.777	0.621	0.730
3510-2273A-348	22D	.019	0.564	0.471	0.474	0.457	0.427	0.901	0.964	0.807	0.917
3510-2274A-348	22D	.019	0.110	1.141	1.144	1.126	1.097	1.571	1.634	1.476	1.587
3510-2275A-348	22D	.019	0.509	0.236	0.239	0.220	0.192	0.666	0.729	0.570	0.682
3510-2276A-348	22D	.019	0.141	0.184	0.187	0.167	0.140	0.614	0.677	0.517	0.630
3510-2277A-348	22D	.019	0.125	0.202	0.205	0.193	0.158	0.632	0.695	0.543	0.648
3510-2279A-349	22D	.019	0.509	0.236	0.239	0.225	0.192	0.666	0.729	0.575	0.682
3510-2280A-348	22D	.019	0.313	0.287	0.290	0.275	0.243	0.717	0.780	0.625	0.733
3510-2281A-348	22D	.019	0.100	0.154	0.157	0.141	0.110	0.584	0.647	0.491	0.600
3510-2283A-348	22D	.019	0.525	0.259	0.262	0.244	0.215	0.689	0.752	0.594	0.705
3510-2285A-348	22D	.019	0.442	0.169	0.172	0.152	0.125	0.599	0.662	0.502	0.615
3510-2286A-348	22D	.019	0.250	0.284	0.287	0.275	0.240	0.714	0.777	0.625	0.730
3510-2287A-348	22D	.019	0.512	0.419	0.422	0.409	0.375	0.849	0.912	0.759	0.865
3510-2288A-348	22D	.019	0.575	0.508	0.511	0.497	0.464	0.938	1.001	0.847	0.954
3510-2289A-348	22D	.019	0.310	0.514	0.517	0.502	0.470	0.944	1.007	0.852	0.960
3510-2290A-348	22D	.019	0.186	0.440	0.443	0.427	0.396	0.870	0.933	0.777	0.886
3510-2292A-348	22D	.019	0.438	0.529	0.532	0.514	0.485	0.959	1.022	0.864	0.975
3510-2293A-348	22D	.019	0.397	0.304	0.307	0.288	0.260	0.734	0.797	0.638	0.750
3510-2294A-348	22D	.019	0.338	0.392	0.395	0.375	0.348	0.822	0.885	0.725	0.838
3510-2295A-348	22D	.019	0.280	0.144	0.147	0.135	0.100	0.574	0.637	0.485	0.590
3510-2296A-348	22D	.019	0.316	0.208	0.211	0.198	0.164	0.638	0.701	0.548	0.654
3510-2297A-348	22D	.019	0.552	0.279	0.282	0.268	0.235	0.709	0.772	0.618	0.725
3510-2298A-348	22D	.019	0.311	0.355	0.358	0.343	0.311	0.785	0.848	0.693	0.801
3510-2299A-348	22D	.019	0.455	0.369	0.372	0.356	0.325	0.799	0.862	0.706	0.815
3510-2200-349	22M	.019	0.118	0.212	0.215	0.210	0.168	0.642	0.705	0.560	0.658
3510-2201-349	22M	.019	0.138	0.232	0.235	0.230	0.188	0.662	0.725	0.580	0.678
3510-2202-349	22M	.019	0.157	0.251	0.254	0.249	0.207	0.681	0.744	0.599	0.697
3510-2203-349	22M	.019	0.177	0.271	0.274	0.269	0.227	0.701	0.764	0.619	0.717
3510-2204-349	22M	.019	0.197	0.291	0.294	0.289	0.247	0.721	0.784	0.639	0.737
3510-2205-349	22M	.019	0.217	0.311	0.314	0.309	0.267	0.741	0.804	0.659	0.757
3510-2206-349	22M	.019	0.236	0.330	0.333	0.328	0.286	0.760	0.823	0.678	0.776



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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	.019	0.118	0.166	0.169	0.163	0.122	0.596	0.659	0.513	0.612
3510-2208-349	22M	.019	0.138	0.186	0.189	0.182	0.142	0.616	0.679	0.532	0.632
3510-2209-349	22M	.019	0.157	0.205	0.208	0.200	0.161	0.635	0.698	0.550	0.651
3510-2210-349	22M	.019	0.177	0.225	0.228	0.219	0.181	0.655	0.718	0.569	0.671
3510-2211-349	22M	.019	0.197	0.245	0.248	0.238	0.201	0.675	0.738	0.588	0.691
3510-2212-349	22M	.019	0.217	0.265	0.268	0.257	0.221	0.695	0.758	0.607	0.711
3510-2213-349	22M	.019	0.236	0.284	0.287	0.275	0.240	0.714	0.777	0.625	0.730
3510-2214-349	22M	.019	0.452	0.399	0.402	0.388	0.355	0.829	0.892	0.738	0.845
3510-2215-349	22M	.019	0.379	0.201	0.204	0.190	0.157	0.631	0.694	0.540	0.647
3510-2249-349	22M	.026	0.200	0.156	0.159	0.145	0.112	0.586	0.649	0.495	0.602
1510-2251-349	22M	.030	0.329	0.382	0.385	0.380	0.338	0.812	0.875	0.730	0.828
3510-2251-349	22M	.030	0.329	0.382	0.385	0.380	0.338	0.812	0.875	0.730	0.828
1510-22LF0-349	22M	.019	0.197	0.249	0.252	0.247	0.205	0.679	0.742	0.597	0.695
1510-22LF1-349	22M	.019	0.157	0.209	0.212	0.207	0.165	0.639	0.702	0.557	0.655
1510-22LF2-349	22M	.019	0.118	0.170	0.173	0.168	0.126	0.600	0.663	0.518	0.616
1510-2000-351	20	.026	0.400	0.127	0.130	0.125	0.083	0.557	0.620	0.475	0.573
1510-2001-351	20	.026	0.200	0.292	0.295	0.290	0.248	0.722	0.785	0.640	0.738
1510-2002-351	20	.019	0.435	0.325	0.328	0.323	0.281	0.755	0.818	0.673	0.771
1510-2003-351	20	.019	0.136	0.156	0.159	0.154	0.112	0.586	0.649	0.504	0.602
1510-2004-351	20	.023	0.276	0.385	0.388	0.383	0.341	0.815	0.878	0.733	0.831
3510-2004-351	20	.023	0.276	0.385	0.388	0.383	0.341	0.815	0.878	0.733	0.831
1510-2005-351	20	.019	0.301	0.190	0.193	0.188	0.146	0.620	0.683	0.538	0.636
1510-2006-351	20	.019	0.145	0.117	0.120	0.115	0.073	0.547	0.610	0.465	0.563
3510-2007-351	20	.019	0.180	0.152	0.155	0.150	0.108	0.582	0.645	0.500	0.598
1510-2008-351	20	.019	0.218	0.190	0.193	0.188	0.146	0.620	0.683	0.538	0.636
3510-2009-351	20	.019	0.409	0.115	0.118	0.113	0.071	0.545	0.608	0.463	0.561
1510-2010-351	20	.019	0.639	0.532	0.535	0.530	0.488	0.962	1.025	0.880	0.978
1510-2011-351	20	.019	0.175	0.281	0.284	0.279	0.237	0.711	0.774	0.629	0.727
1510-2012-351	20	.029	0.329	0.382	0.385	0.380	0.338	0.812	0.875	0.730	0.828
1510-2013-351	20	.019	0.157	0.199	0.202	0.197	0.155	0.629	0.692	0.547	0.645
1510-2014-351	20	.039	0.325	0.686	0.689	0.684	0.642	1.116	1.179	1.034	1.132
1510-2015-351	20	.019	0.213	0.323	0.326	0.321	0.279	0.753	0.816	0.671	0.769
1510-2016-351	20	.019	0.244	0.284	0.287	0.282	0.240	0.714	0.777	0.632	0.730
1510-2017-351	20	.019	0.916	0.693	0.696	0.691	0.649	1.123	1.186	1.041	1.139
1510-2018-351	20	.032	0.916	0.693	0.696	0.691	0.649	1.123	1.186	1.041	1.139
1510-2019-351	20	.019	0.177	0.426	0.429	0.424	0.382	0.856	0.919	0.774	0.872
3510-2021-351	20	.020	0.310	0.337	0.340	0.335	0.293	0.767	0.830	0.685	0.783



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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	.024	0.220	0.382	0.385	0.380	0.338	0.812	0.875	0.730	0.828
3510-2025-351	20	.030	0.349	0.077	0.080	0.075	0.033	0.507	0.570	0.425	0.523
3510-2026-351	20	.030	0.773	0.501	0.504	0.499	0.457	0.931	0.994	0.849	0.947
1510-2029-351	20	.030	0.395	0.657	0.660	0.655	0.613	1.087	1.150	1.005	1.103
1510-2031-351	20	.030	0.300	0.657	0.660	0.655	0.613	1.087	1.150	1.005	1.103
3510-2032-351	20	.019	0.200	0.608	0.611	0.606	0.564	1.038	1.101	0.956	1.054
3510-2033-351	20	.020	0.090	0.085	0.088	0.083	0.041	0.515	0.578	0.433	0.531
3510-2036-351	20	.019	0.230	0.202	0.205	0.198	0.158	0.632	0.695	0.548	0.648
3510-2037-351	20	.019	0.453	0.325	0.328	0.321	0.281	0.755	0.818	0.671	0.771
3510-2038-351	20	.030	0.244	0.373	0.376	0.371	0.329	0.803	0.866	0.721	0.819
3510-2039-351	20	.030	0.380	0.402	0.405	0.400	0.358	0.832	0.895	0.750	0.848
3510-2040-351	20	.048	0.192	0.469	0.472	0.467	0.425	0.899	0.962	0.817	0.915
1510-2041-351	20	.019	0.235	0.177	0.180	0.175	0.133	0.607	0.670	0.525	0.623
1510-2042-351	20	.019	0.474	0.302	0.305	0.300	0.258	0.732	0.795	0.650	0.748
1510-2043-351	20	.019	0.927	0.636	0.639	0.632	0.592	1.066	1.129	0.982	1.082
1510-2044-351	20	.019	0.538	0.435	0.438	0.431	0.391	0.865	0.928	0.781	0.881
1510-2045-351	20	.019	0.481	0.190	0.193	0.186	0.146	0.620	0.683	0.536	0.636
3510-2047-351	20	.025	0.552	0.325	0.328	0.323	0.281	0.755	0.818	0.673	0.771
3510-2048-351	20	.025	0.249	0.155	0.158	0.153	0.111	0.585	0.648	0.503	0.601
3510-2049-351	20	.025	0.375	0.447	0.450	0.445	0.403	0.877	0.940	0.795	0.893
3510-2050-351	20	.030	0.300	0.294	0.297	0.292	0.250	0.724	0.787	0.642	0.740
3510-2051-351	20	.030	0.300	0.562	0.565	0.560	0.518	0.992	1.055	0.910	1.008
3510-2053-351	20	.025	0.420	0.325	0.328	0.323	0.281	0.755	0.818	0.673	0.771
3510-2054-351	20	.025	0.330	0.235	0.238	0.233	0.191	0.665	0.728	0.583	0.681
3510-2055-351	20	.025	0.155	0.258	0.261	0.256	0.214	0.688	0.751	0.606	0.704
3510-2056-351	20	.025	0.365	0.092	0.095	0.090	0.048	0.522	0.585	0.440	0.538
3510-2057-351	20	.025	0.320	0.285	0.288	0.283	0.241	0.715	0.778	0.633	0.731
3510-2058-351	20	.025	0.259	0.373	0.376	0.371	0.329	0.803	0.866	0.721	0.819
3510-2059-351	20	.025	0.425	0.337	0.340	0.335	0.293	0.767	0.830	0.685	0.783
3510-2060-351	20	.025	0.118	0.212	0.215	0.210	0.168	0.642	0.705	0.560	0.658
3510-2061-351	20	.025	0.138	0.232	0.235	0.230	0.188	0.662	0.725	0.580	0.678
3510-2062-351	20	.025	0.157	0.251	0.254	0.249	0.207	0.681	0.744	0.599	0.697
3510-2063-351	20	.025	0.177	0.271	0.274	0.269	0.227	0.701	0.764	0.619	0.717
3510-2064-351	20	.025	0.197	0.291	0.294	0.289	0.247	0.721	0.784	0.639	0.737
3510-2065-351	20	.025	0.217	0.311	0.314	0.309	0.267	0.741	0.804	0.659	0.757
3510-2066-351	20	.025	0.236	0.330	0.333	0.328	0.286	0.760	0.823	0.678	0.776
3510-2067-351	20	.025	0.342	0.037	0.040	0.035	NONE	0.467	0.530	0.385	NONE



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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	.025	0.301	0.207	0.210	0.205	0.163	0.637	0.700	0.555	0.653
3510-2069-351	20	.025	0.400	0.127	0.130	0.125	0.083	0.557	0.620	0.475	0.573
3510-2071-351	20	.025	0.118	0.166	0.169	0.164	0.122	0.596	0.659	0.514	0.612
3510-2072-351	20	.025	0.138	0.186	0.189	0.184	0.142	0.616	0.679	0.534	0.632
3510-2073-351	20	.025	0.157	0.205	0.208	0.203	0.161	0.635	0.698	0.553	0.651
3510-2074-351	20	.025	0.177	0.225	0.228	0.223	0.181	0.655	0.718	0.573	0.671
3510-2075-351	20	.025	0.197	0.245	0.248	0.243	0.201	0.675	0.738	0.593	0.691
3510-2076-351	20	.025	0.217	0.265	0.268	0.263	0.221	0.695	0.758	0.613	0.711
3510-2077-351	20	.025	0.236	0.284	0.287	0.282	0.240	0.714	0.777	0.632	0.730
3510-2078-351	20	.019	0.242	0.244	0.247	0.242	0.200	0.674	0.737	0.592	0.690
3510-2079-351	20	.030	0.387	0.115	0.118	0.113	0.071	0.545	0.608	0.463	0.561
3510-2080-351	20	.024	0.635	0.452	0.455	0.450	0.408	0.882	0.945	0.800	0.898
3510-2081-351	20	.039	0.280	0.232	0.235	0.230	0.188	0.662	0.725	0.580	0.678
3510-2082-351	20	.019	0.323	0.235	0.238	0.233	0.191	0.665	0.728	0.583	0.681
3510-2083-351	20	.019	0.390	0.287	0.290	0.285	0.243	0.717	0.780	0.635	0.733
3510-2084-351	20	.019	0.370	0.267	0.270	0.265	0.223	0.697	0.760	0.615	0.713
3510-2086-351	20	.019	0.380	0.533	0.536	0.531	0.489	0.963	1.026	0.881	0.979
3510-2087-351	20	.019	0.288	0.185	0.188	0.183	0.141	0.615	0.678	0.533	0.631
3510-2088-351	20	.019	0.278	0.250	0.253	0.248	0.206	0.680	0.743	0.598	0.696
3510-2089-351	20	.019	0.130	0.314	0.317	0.312	0.270	0.744	0.807	0.662	0.760
1510-2090-351	20	.030	0.300	0.667	0.670	0.665	0.623	1.097	1.160	1.015	1.113
3510-2091-351	20	.019	0.325	0.357	0.360	0.355	0.313	0.787	0.850	0.705	0.803
3510-2092-351	20	.020	0.565	0.569	0.572	0.565	0.525	0.999	1.062	0.915	1.015
3510-2093-351	20	.025	0.400	0.398	0.401	0.394	0.354	0.828	0.891	0.744	0.844
3510-2094-351	20	.032	0.400	0.404	0.407	0.400	0.360	0.834	0.897	0.750	0.850
3510-2095-351	20	.024	0.280	0.515	0.518	0.511	0.471	0.945	1.008	0.861	0.961
1510-2096-351	20	.019	0.416	0.325	0.328	0.321	0.281	0.755	0.818	0.671	0.771
3510-2097-351	20	.026	0.500	0.227	0.230	0.223	0.183	0.657	0.720	0.573	0.673
3510-2098-351	20	.040	0.250	0.454	0.457	0.450	0.410	0.884	0.947	0.800	0.900
3510-1600-352	16	.025	0.436	0.212	0.215	0.210	0.168	0.642	0.705	0.560	0.658
3510-1601-352	16	.025	0.184	0.117	0.120	0.115	0.073	0.547	0.610	0.465	0.563
3510-1602-352	16	.025	0.219	0.152	0.155	0.150	0.108	0.582	0.645	0.500	0.598
3510-1603-352	16	.025	0.175	0.281	0.284	0.279	0.237	0.711	0.774	0.629	0.727
3510-1604-352	16	.040	0.175	0.281	0.284	0.279	0.237	0.711	0.774	0.629	0.727
3510-1605-352	16	.062	0.325	0.686	0.689	0.684	0.642	1.116	1.179	1.034	1.132
3510-1606-352	16	.062	0.090	0.085	0.088	0.083	0.041	0.515	0.578	0.433	0.531
3510-1607-352	16	.040	0.546	0.232	0.235	0.230	0.188	0.662	0.725	0.580	0.678



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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	.040	0.220	0.382	0.385	0.380	0.338	0.812	0.875	0.730	0.828
3510-1609-352	16	.062	0.300	0.657	0.660	0.655	0.613	1.087	1.150	1.005	1.103
3510-1610-352	16	.029	0.300	0.322	0.325	0.320	0.278	0.752	0.815	0.670	0.768
3510-1611-352	16	.029	0.330	0.352	0.355	0.350	0.308	0.782	0.845	0.700	0.798
1510-1618-352	16	.0625	0.329	0.382	0.385	0.380	0.338	0.812	0.875	0.730	0.828
3510-1619-352	16	.0455	0.850	0.426	0.429	0.424	0.382	0.856	0.919	0.774	0.872
3510-1621-352	16	.062	0.118	0.212	0.215	0.210	0.168	0.642	0.705	0.560	0.658
3510-1623-352	16	.062	0.138	0.232	0.235	0.230	0.188	0.662	0.725	0.580	0.678
3510-1625-352	16	.062	0.157	0.251	0.254	0.249	0.207	0.681	0.744	0.599	0.697
3510-1626-352	16	.062	0.177	0.271	0.274	0.269	0.227	0.701	0.764	0.619	0.717
3510-1627-352	16	.062	0.197	0.291	0.294	0.289	0.247	0.721	0.784	0.639	0.737
3510-1628-352	16	.062	0.217	0.311	0.314	0.309	0.267	0.741	0.804	0.659	0.757
3510-1629-352	16	.062	0.236	0.330	0.333	0.328	0.286	0.760	0.823	0.678	0.776
3510-1630-352	16	.062	0.118	0.166	0.169	0.164	0.122	0.596	0.659	0.514	0.612
3510-1631-352	16	.062	0.138	0.186	0.189	0.184	0.142	0.616	0.679	0.534	0.632
3510-1632-352	16	.062	0.157	0.205	0.208	0.203	0.161	0.635	0.698	0.553	0.651
3510-1633-352	16	.062	0.177	0.225	0.228	0.223	0.181	0.655	0.718	0.573	0.671
3510-1634-352	16	.062	0.197	0.245	0.248	0.243	0.201	0.675	0.738	0.593	0.691
3510-1635-352	16	.062	0.217	0.265	0.268	0.263	0.221	0.695	0.758	0.613	0.711
3510-1636-352	16	.062	0.236	0.284	0.287	0.282	0.240	0.714	0.777	0.632	0.730
3510-1637-352	16	.028	0.420	0.221	0.224	0.217	0.177	0.651	0.714	0.567	0.667
3510-1638-352	16	.062	0.300	0.661	0.664	0.659	0.617	1.091	1.154	1.009	1.107
3510-1639-352	16	.062	0.213	0.203	0.206	0.201	0.159	0.633	0.696	0.551	0.649
3510-1640-352	16	.028	0.419	0.241	0.244	0.239	0.197	0.671	0.734	0.589	0.687
3510-1641-352	16	.062	0.301	0.194	0.197	0.192	0.150	0.624	0.687	0.542	0.640
3510-1642-352	16	.062	0.280	0.232	0.235	0.230	0.188	0.662	0.725	0.580	0.678
3510-1643-352	16	.062	0.242	0.244	0.247	0.242	0.200	0.674	0.737	0.592	0.690
3510-1644-352	16	.062	0.130	0.314	0.317	0.312	0.270	0.744	0.807	0.662	0.760
3510-1645-352	16	.040	0.380	0.282	0.285	0.280	0.238	0.712	0.775	0.630	0.728
3510-1646-352	16	.025	0.250	0.254	0.257	0.250	0.210	0.684	0.747	0.600	0.700
3510-1647-352	16	.062	0.565	0.569	0.572	0.565	0.525	0.999	1.062	0.915	1.015
3510-1648-353	16	.050	0.175	0.227	0.230	0.223	0.183	0.657	0.720	0.573	0.673
3510-1649-352	16	.054	0.138	0.138	0.141	0.134	0.094	0.568	0.631	0.484	0.584
3510-1650-352	16	.044	0.200	0.199	0.202	0.197	0.155	0.629	0.692	0.547	0.645
3510-1651-352	16	.040	0.200	0.160	0.163	0.157	0.116	0.590	0.653	0.507	0.606
1510-1652-352	16	.040	0.413	0.325	0.328	0.322	0.281	0.755	0.818	0.672	0.771
3510-1652-352	16	.040	0.413	0.325	0.328	0.322	0.281	0.755	0.818	0.672	0.771



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

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D38999 Series III PCB TAIL SOCKETS (inches) 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	.062	0.363	0.191	0.194	0.188	0.147	0.621	0.684	0.538	0.637
3510-1654-352	16	.062	0.250	0.454	0.457	0.451	0.410	0.884	0.947	0.801	0.900
3510-1200-353	12	.082	0.118	0.212	0.215	0.210	0.168	0.642	0.705	0.560	0.658
3510-1201-353	12	.082	0.741	0.423	0.426	0.421	0.379	0.853	0.916	0.771	0.869
3510-1202-353	12	.082	0.145	0.117	0.120	0.115	0.073	0.547	0.610	0.465	0.563
3510-1203-353	12	.082	0.276	0.370	0.373	0.368	0.326	0.800	0.863	0.718	0.816
3510-1204-353	12	.082	0.180	0.152	0.155	0.150	0.108	0.582	0.645	0.500	0.598
3510-1205-353	12	.082	0.138	0.232	0.235	0.230	0.188	0.662	0.725	0.580	0.678
3510-1206-353	12	.094	0.325	0.686	0.689	0.684	0.642	1.116	1.179	1.034	1.132
3510-1207-353	12	.082	0.157	0.251	0.254	0.249	0.207	0.681	0.744	0.599	0.697
3510-1208-353	12	.082	0.177	0.271	0.274	0.269	0.227	0.701	0.764	0.619	0.717
3510-1209-353	12	.082	0.197	0.291	0.294	0.289	0.247	0.721	0.784	0.639	0.737
3510-1210-353	12	.082	0.217	0.311	0.314	0.309	0.267	0.741	0.804	0.659	0.757
3510-1211-353	12	.082	0.236	0.330	0.333	0.328	0.286	0.760	0.823	0.678	0.776
1510-1213-353	12	.094	0.329	0.382	0.385	0.380	0.338	0.812	0.875	0.730	0.828
3510-1214-353	12	.094	0.280	0.281	0.284	0.277	0.237	0.711	0.774	0.627	0.727
3510-1230-353	12	.082	0.118	0.166	0.169	0.164	0.122	0.596	0.659	0.514	0.612
3510-1231-353	12	.082	0.138	0.186	0.189	0.184	0.142	0.616	0.679	0.534	0.632
3510-1232-353	12	.082	0.157	0.205	0.208	0.203	0.161	0.635	0.698	0.553	0.651
3510-1233-353	12	.082	0.177	0.225	0.228	0.223	0.181	0.655	0.718	0.573	0.671
3510-1234-353	12	.082	0.197	0.245	0.248	0.243	0.201	0.675	0.738	0.593	0.691
3510-1235-353	12	.082	0.217	0.265	0.268	0.263	0.221	0.695	0.758	0.613	0.711
3510-1236-353	12	.082	0.236	0.284	0.287	0.282	0.240	0.714	0.777	0.632	0.730
3510-1237-353	12	.094	0.565	0.569	0.572	0.565	0.525	0.999	1.062	0.915	1.015
3510-1238-353	12	.082	0.175	0.227	0.230	0.223	0.183	0.657	0.720	0.573	0.673
3510-1239-353	12	.081	0.286	0.191	0.194	0.187	0.147	0.621	0.684	0.537	0.637
3510-1240-353	12	.081	0.590	0.110	0.113	0.106	0.066	0.540	0.603	0.456	0.556
3510-1241-353	12	.081	0.815	0.335	0.338	0.331	0.291	0.765	0.828	0.681	0.781
3510-1242-353	12	.071	0.128	0.541	0.544	0.537	0.497	0.971	1.034	0.887	0.987
3510-1243-353	12	.081	0.250	0.454	0.457	0.450	0.410	0.884	0.947	0.800	0.900