



Aerotriconics Socket Part Number	Socket Type	PCB Tail		CONTACT EXTENSION FROM REAR						CONTACT EXTENSION FROM FLANGE					
		O.D.	Length	MS27466 MS27652	MS27515 MS27654 MS27656	MS27496	MS27505	MS27468 Shells 9 - 17	MS27468 Shells 19 - 25	MS27466 MS27652	MS27515 MS27654 MS27656	MS27496	MS27505	MS27468 Shells 9 - 17	MS27468 Shells 19 - 25
		±.001	Ref.												
3510-2200-348	22D	.019	0.230	0.220	0.207	0.417	0.418	0.199	0.183	0.785	0.601	0.791	0.598	0.501	0.500
1510-2201-348	22D	.019	0.231	0.518	0.505	0.715	0.716	0.497	0.481	1.083	0.899	1.089	0.896	0.799	0.798
3510-2201-348	22D	.019	0.570	0.518	0.505	0.715	0.716	0.497	0.481	1.083	0.899	1.089	0.896	0.799	0.798
1510-2202-348	22D	.019	0.421	0.343	0.330	0.540	0.541	0.322	0.306	0.908	0.724	0.914	0.721	0.624	0.623
3510-2202-348	22D	.019	0.421	0.343	0.330	0.540	0.541	0.322	0.306	0.908	0.724	0.914	0.721	0.624	0.623
1510-2203-348	22D	.019	0.281	0.203	0.190	0.400	0.401	0.182	0.166	0.768	0.584	0.774	0.581	0.484	0.483
3510-2203-348	22D	.019	0.281	0.203	0.190	0.400	0.401	0.182	0.166	0.768	0.584	0.774	0.581	0.484	0.483
3510-2204-348	22D	.019	0.578	0.500	0.487	0.697	0.698	0.479	0.463	1.065	0.881	1.071	0.878	0.781	0.780
3510-2205-348	22D	.019	0.145	0.135	0.122	0.332	0.333	0.114	0.098	0.700	0.516	0.706	0.513	0.416	0.415
1510-2206-348	22D	.019	0.219	0.141	0.128	0.338	0.339	0.120	0.104	0.706	0.522	0.712	0.519	0.422	0.421
3510-2206-348	22D	.019	0.219	0.141	0.128	0.338	0.339	0.120	0.104	0.706	0.522	0.712	0.519	0.422	0.421
3510-2207-348	22D	.020	0.541	0.531	0.518	0.728	0.729	0.510	0.494	1.096	0.912	1.102	0.909	0.812	0.811
3510-2208-348	22D	.020	0.537	0.511	0.498	0.708	0.709	0.490	0.474	1.076	0.892	1.082	0.889	0.792	0.791
1510-2209-348	22D	.019	0.398	0.863	0.850	1.060	1.061	0.842	0.826	1.428	1.244	1.434	1.241	1.144	1.143
3510-2209-348	22D	.019	0.398	0.863	0.850	1.060	1.061	0.842	0.826	1.428	1.244	1.434	1.241	1.144	1.143
3510-2210-348	22D	.019	0.136	0.174	0.161	0.371	0.372	0.153	0.137	0.739	0.555	0.745	0.552	0.455	0.454
3510-2211-348	22D	.023	0.157	0.222	0.209	0.419	0.420	0.201	0.185	0.787	0.603	0.793	0.600	0.503	0.502
3510-2212-348	22D	.019	0.488	0.418	0.405	0.615	0.616	0.397	0.381	0.983	0.799	0.989	0.796	0.699	0.698
3510-2213-348	22D	.019	0.340	0.135	0.122	0.332	0.333	0.114	0.098	0.700	0.516	0.706	0.513	0.416	0.415



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38999 SERIES I 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	MS27466 MS27652	MS27515 MS27654 MS27656	MS27496	MS27505	MS27468 Shells 9 - 17	MS27468 Shells 19 - 25	MS27466 MS27652	MS27515 MS27654 MS27656	MS27496	MS27505	MS27468 Shells 9 - 17	MS27468 Shells 19 - 25
		±.001	Ref.												
1510-2214-348	22D	.019	0.363	0.286	0.273	0.483	0.484	0.265	0.249	0.851	0.667	0.857	0.664	0.567	0.566
3510-2214-348	22D	.019	0.363	0.286	0.273	0.483	0.484	0.265	0.249	0.851	0.667	0.857	0.664	0.567	0.566
3510-2215-348	22D	.019	0.378	0.217	0.204	0.414	0.415	0.196	0.180	0.782	0.598	0.788	0.595	0.498	0.497
1510-2216-348	22D	.019	0.769	0.608	0.595	0.805	0.806	0.587	0.571	1.173	0.989	1.179	0.986	0.889	0.888
3510-2216-348	22D	.019	0.769	0.608	0.595	0.805	0.806	0.587	0.571	1.173	0.989	1.179	0.986	0.889	0.888
3510-2217-348	22D	.019	0.131	NONE	NONE	0.161	0.162	NONE	NONE	NONE	NONE	0.535	0.342	NONE	NONE
3510-2218-348	22D	.019	0.509	0.252	0.239	0.449	0.450	0.231	0.215	0.817	0.633	0.823	0.630	0.533	0.532
1510-2219-348	22D	.019	0.278	0.863	0.850	1.060	1.061	0.842	0.826	1.428	1.244	1.434	1.241	1.144	1.143
3510-2220-348	22D	.019	0.276	0.277	0.264	0.474	0.475	0.256	0.240	0.842	0.658	0.848	0.655	0.558	0.557
3510-2227-348	22D	.019	0.327	0.355	0.342	0.552	0.553	0.334	0.318	0.920	0.736	0.926	0.733	0.636	0.635
3510-2228-348	22D	.019	0.326	0.801	0.788	0.998	0.999	0.780	0.764	1.366	1.182	1.372	1.179	1.082	1.081
3510-2229-348	22D	.019	0.178	0.444	0.431	0.641	0.642	0.423	0.407	1.009	0.825	1.015	0.822	0.725	0.724
3510-2230-348	22D	.019	0.236	0.370	0.357	0.567	0.568	0.349	0.333	0.935	0.751	0.941	0.748	0.651	0.650
3510-2231-348	22D	.019	0.180	0.170	0.157	0.367	0.368	0.149	0.133	0.735	0.551	0.741	0.548	0.451	0.450
3510-2232-348	22D	.019	0.150	0.308	0.295	0.505	0.506	0.287	0.271	0.873	0.689	0.879	0.686	0.589	0.588
1510-2233-348	22D	.019	0.512	0.646	0.633	0.843	0.844	0.625	0.609	1.211	1.027	1.217	1.024	0.927	0.926
3510-2234-348	22D	.026	0.233	0.343	0.330	0.540	0.541	0.322	0.306	0.908	0.724	0.914	0.721	0.624	0.623
3510-2235-348	22D	.019	0.125	0.052	0.039	0.249	0.250	0.031	NONE	0.617	0.433	0.623	0.430	0.333	NONE
3510-2236-348	22D	.019	0.145	0.135	0.122	0.332	0.333	0.114	0.098	0.700	0.516	0.706	0.513	0.416	0.415
3510-2237-348	22D	.019	0.218	0.208	0.195	0.405	0.406	0.187	0.171	0.773	0.589	0.779	0.586	0.489	0.488
1510-2238-348	22D	.020	0.313	0.303	0.290	0.500	0.501	0.282	0.266	0.868	0.684	0.874	0.681	0.584	0.583
1510-2239-348	22D	.019	0.175	0.307	0.294	0.504	0.505	0.286	0.270	0.872	0.688	0.878	0.685	0.588	0.587
3510-2239-348	22D	.019	0.175	0.307	0.294	0.504	0.505	0.286	0.270	0.872	0.688	0.878	0.685	0.588	0.587
3510-2241-348	22D	.028	0.157	0.230	0.217	0.427	0.428	0.209	0.193	0.795	0.611	0.801	0.608	0.511	0.510
3510-2242-348	22D	.020	0.258	0.324	0.311	0.521	0.522	0.303	0.287	0.889	0.705	0.895	0.702	0.605	0.604
3510-2243-348	22D	.019	0.090	0.103	0.090	0.300	0.301	0.082	0.066	0.668	0.484	0.674	0.481	0.384	0.383
1510-2244-348	22D	.019	0.307	0.897	0.884	1.094	1.095	0.876	0.860	1.462	1.278	1.468	1.275	1.178	1.177
1510-2245-348	22D	.019	0.475	0.320	0.307	0.517	0.518	0.299	0.283	0.885	0.701	0.891	0.698	0.601	0.600
3510-2246-348	22D	.019	0.130	0.332	0.319	0.529	0.530	0.311	0.295	0.897	0.713	0.903	0.710	0.613	0.612
3510-2247-348	22D	.019	0.315	0.366	0.353	0.563	0.564	0.345	0.329	0.931	0.747	0.937	0.744	0.647	0.646
1510-2248-348	22D	.019	0.221	0.876	0.863	1.073	1.074	0.855	0.839	1.441	1.257	1.447	1.254	1.157	1.156
3510-2249-348	22D	.028	0.160	0.179	0.166	0.376	0.377	0.158	0.142	0.744	0.560	0.750	0.557	0.460	0.459
3510-2250-348	22D	.026	0.233	0.343	0.330	0.540	0.541	0.322	0.306	0.908	0.724	0.914	0.721	0.624	0.623
3510-2252-348	22D	.019	0.300	0.465	0.452	0.662	0.663	0.444	0.428	1.030	0.846	1.036	0.843	0.746	0.745
3510-2253-348	22D	.020	0.355	0.275	0.262	0.472	0.473	0.254	0.238	0.840	0.656	0.846	0.653	0.556	0.555
3510-2254-348	22D	.020	0.400	0.319	0.306	0.516	0.517	0.298	0.282	0.884	0.700	0.890	0.697	0.600	0.599



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Aerotronics Socket Part Number	Socket Type	PCB Tail		CONTACT EXTENSION FROM REAR						CONTACT EXTENSION FROM FLANGE					
		O.D. ±.001	Length Ref.	MS27466 MS27652	MS27515 MS27654 MS27656	MS27496	MS27505	MS27468 Shells 9 - 17	MS27468 Shells 19 - 25	MS27466 MS27652	MS27515 MS27654 MS27656	MS27496	MS27505	MS27468 Shells 9 - 17	MS27468 Shells 19 - 25
				3510-2255-348	22D	.019	0.265	0.635	0.622	0.832	0.833	0.614	0.598	1.200	1.016
3510-2256-348	22D	.019	0.222	0.230	0.217	0.427	0.428	0.209	0.193	0.795	0.611	0.801	0.608	0.511	0.510
3510-2257-348	22D	.032	0.400	0.422	0.409	0.619	0.620	0.401	0.385	0.987	0.803	0.993	0.800	0.703	0.702
3510-2258-348	22D	.020	0.132	0.132	0.119	0.329	0.330	0.111	0.095	0.697	0.513	0.703	0.510	0.413	0.412
3510-2259-348	22D	.029	0.300	0.367	0.354	0.564	0.565	0.346	0.330	0.932	0.748	0.938	0.745	0.648	0.647
3510-2260-348	22D	.019	0.275	0.224	0.211	0.421	0.422	0.203	0.187	0.789	0.605	0.795	0.602	0.505	0.504
3510-2261-348	22D	.025	0.263	NONE	NONE	0.206	0.207	NONE	NONE	NONE	NONE	0.580	0.387	NONE	NONE
3510-2262-348	22D	.019	0.100	NONE	NONE	0.220	0.221	NONE	NONE	NONE	NONE	0.594	0.401	NONE	NONE
3510-2263-348	22D	.019	0.150	0.073	0.060	0.270	0.271	0.052	NONE	0.638	0.454	0.644	0.451	0.354	NONE
1510-2264-348	22D	.019	0.240	0.605	0.592	0.802	0.803	0.584	0.568	1.170	0.986	1.176	0.983	0.886	0.885
3510-2264-348	22D	.019	0.240	0.605	0.592	0.802	0.803	0.584	0.568	1.170	0.986	1.176	0.983	0.886	0.885
3510-2265-348	22D	.019	0.175	0.257	0.244	0.454	0.455	0.236	0.220	0.822	0.638	0.828	0.635	0.538	0.537
3510-2266-348	22D	.019	0.175	0.705	0.692	0.902	0.903	0.684	0.668	1.270	1.086	1.276	1.083	0.986	0.985
3510-2267-348	22D	.019	0.175	0.299	0.286	0.496	0.497	0.278	0.262	0.864	0.680	0.870	0.677	0.580	0.579
3510-2268-348	22D	.019	0.180	0.278	0.265	0.475	0.476	0.257	0.241	0.843	0.659	0.849	0.656	0.559	0.558
3510-2269-348	22D	.020	0.395	0.474	0.461	0.671	0.672	0.453	0.437	1.039	0.855	1.045	0.852	0.755	0.754
3510-2270-348	22D	.019	0.231	NONE	NONE	0.109	0.110	NONE	NONE	NONE	NONE	0.483	0.290	NONE	NONE
1510-2271-348	22D	.029	0.329	0.400	0.387	0.597	0.598	0.379	0.363	0.965	0.781	0.971	0.778	0.681	0.680
3510-2271-348	22D	.029	0.329	0.400	0.387	0.597	0.598	0.379	0.363	0.965	0.781	0.971	0.778	0.681	0.680
3510-2272-348	22D	.019	0.157	0.217	0.204	0.414	0.415	0.196	0.180	0.782	0.598	0.788	0.595	0.498	0.497
3510-2273-348	22D	.019	0.213	0.341	0.328	0.538	0.539	0.320	0.304	0.906	0.722	0.912	0.719	0.622	0.621
3510-2274-348	22D	.019	0.244	0.302	0.289	0.499	0.500	0.281	0.265	0.867	0.683	0.873	0.680	0.583	0.582
3510-2275-348	22D	.019	0.242	0.262	0.249	0.459	0.460	0.241	0.225	0.827	0.643	0.833	0.640	0.543	0.542
3510-2276-348	22D	.019	0.300	0.290	0.277	0.487	0.488	0.269	0.253	0.855	0.671	0.861	0.668	0.571	0.570
3510-2277-348	22D	.019	0.220	0.410	0.397	0.607	0.608	0.389	0.373	0.975	0.791	0.981	0.788	0.691	0.690
3510-2278-348	22D	.019	0.220	0.353	0.340	0.550	0.551	0.332	0.316	0.918	0.734	0.924	0.731	0.634	0.633
3510-2279-348	22D	.027	0.227	0.474	0.461	0.671	0.672	0.453	0.437	1.039	0.855	1.045	0.852	0.755	0.754
3510-2280-348	22D	.025	0.500	0.499	0.486	0.696	0.697	0.478	0.462	1.064	0.880	1.070	0.877	0.780	0.779
3510-2281-348	22D	.019	0.916	0.711	0.698	0.908	0.909	0.690	0.674	1.276	1.092	1.282	1.089	0.992	0.991
3510-2282-348	22D	.019	0.182	0.417	0.404	0.614	0.615	0.396	0.380	0.982	0.798	0.988	0.795	0.698	0.697
3510-2283-348	22D	.019	0.313	0.057	0.044	0.254	0.255	0.036	0.020	0.622	0.438	0.628	0.435	0.338	0.337
3510-2284-348	22D	.032	0.916	0.711	0.698	0.908	0.909	0.690	0.674	1.276	1.092	1.282	1.089	0.992	0.991
1510-2285-348	22D	.019	0.717	1.639	1.626	1.836	1.837	1.618	1.602	2.204	2.020	2.210	2.017	1.920	1.919
3510-2286-348	22D	.019	0.213	0.345	0.332	0.542	0.543	0.324	0.308	0.910	0.726	0.916	0.723	0.626	0.625
3510-2287-348	22D	.029	0.280	0.250	0.237	0.447	0.448	0.229	0.213	0.815	0.631	0.821	0.628	0.531	0.530
3510-2288-348	22D	.019	0.410	0.422	0.409	0.619	0.620	0.401	0.385	0.987	0.803	0.993	0.800	0.703	0.702



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Aerotrionics Socket Part Number	Socket Type	PCB Tail		CONTACT EXTENSION FROM REAR						CONTACT EXTENSION FROM FLANGE					
		O.D. ±.001	Length Ref.	MS27466	MS27515	MS27496	MS27505	MS27468	MS27468	MS27466	MS27515	MS27496	MS27505	MS27468	MS27468
				MS27652	MS27654			Shells 9 - 17	Shells 19 - 25	MS27652	MS27654			Shells 9 - 17	Shells 19 - 25
3510-2289-348	22D	.019	0.360	0.376	0.363	0.573	0.574	0.355	0.339	0.941	0.757	0.947	0.754	0.657	0.656
3510-2290-348	22D	.020	0.280	0.533	0.520	0.730	0.731	0.512	0.496	1.098	0.914	1.104	0.911	0.814	0.813
3510-2291-348	22D	.019	0.292	0.252	0.239	0.449	0.450	0.231	0.215	0.817	0.633	0.823	0.630	0.533	0.532
1510-2294-348	22D	.019	0.485	0.370	0.357	0.567	0.568	0.349	0.333	0.935	0.751	0.941	0.748	0.651	0.650
3510-2294-348	22D	.019	0.485	0.370	0.357	0.567	0.568	0.349	0.333	0.935	0.751	0.941	0.748	0.651	0.650
3510-2295-348	22D	.024	0.128	0.559	0.546	0.756	0.757	0.538	0.522	1.124	0.940	1.130	0.937	0.840	0.839
3510-2299-348	22D	.020	0.169	0.199	0.186	0.396	0.397	0.178	0.162	0.764	0.580	0.770	0.577	0.480	0.479
3510-2223A-348	22D	.019	0.256	0.391	0.378	0.588	0.589	0.370	0.354	0.956	0.772	0.962	0.769	0.672	0.671
3510-2224A-348	22D	.019	0.195	0.125	0.112	0.322	0.323	0.104	0.088	0.690	0.506	0.696	0.503	0.406	0.405
3510-2225A-348	22D	.019	0.315	0.300	0.287	0.497	0.498	0.279	0.263	0.865	0.681	0.871	0.678	0.581	0.580
3510-2226A-348	22D	.019	0.148	0.073	0.060	0.270	0.271	0.052	0.036	0.638	0.454	0.644	0.451	0.354	0.353
3510-2227A-348	22D	.019	0.231	0.685	0.672	0.882	0.883	0.664	0.648	1.250	1.066	1.256	1.063	0.966	0.965
3510-2228A-348	22D	.019	0.475	0.224	0.211	0.421	0.422	0.203	0.187	0.789	0.605	0.795	0.602	0.505	0.504
3510-2229A-348	22D	.019	0.264	0.115	0.102	0.312	0.313	0.094	0.078	0.680	0.496	0.686	0.493	0.396	0.395
3510-2230A-348	22D	.019	0.285	0.310	0.297	0.507	0.508	0.289	0.273	0.875	0.691	0.881	0.688	0.591	0.590
3510-2231A-348	22D	.019	0.570	0.730	0.717	0.927	0.928	0.709	0.693	1.295	1.111	1.301	1.108	1.011	1.010
3510-2232A-348	22D	.019	0.288	0.365	0.035	0.056	0.563	0.344	0.328	0.930	0.429	0.430	0.743	0.646	0.645
3510-2233A-348	22D	.019	0.230	0.385	0.372	0.582	0.583	0.364	0.348	0.950	0.766	0.956	0.763	0.666	0.665
3510-2234A-348	22D	.019	0.375	0.115	0.102	0.312	0.313	0.094	0.078	0.680	0.496	0.686	0.493	0.396	0.395
3510-2235A-348	22D	.019	0.230	0.422	0.409	0.619	0.620	0.401	0.385	0.987	0.803	0.993	0.800	0.703	0.702
3510-2236A-348	22D	.019	0.465	0.835	0.822	1.032	1.033	0.814	0.798	1.400	1.216	1.406	1.213	1.116	1.115
3510-2237A-348	22D	.019	0.421	0.338	0.325	0.535	0.536	0.317	0.301	0.903	0.719	0.909	0.716	0.619	0.618
3510-2238A-348	22D	.019	0.367	0.162	0.149	0.359	0.360	0.141	0.125	0.727	0.543	0.733	0.540	0.443	0.442
3510-2239A-348	22D	.019	0.395	0.145	0.132	0.342	0.343	0.124	0.108	0.710	0.526	0.716	0.523	0.426	0.425
3510-2240A-348	22D	.019	0.200	0.380	0.367	0.577	0.578	0.359	0.343	0.945	0.761	0.951	0.758	0.661	0.660
3510-2242A-348	22D	.019	0.218	0.420	0.407	0.617	0.618	0.399	0.383	0.985	0.801	0.991	0.798	0.701	0.700
3510-2244A-348	22D	.019	0.370	0.448	0.435	0.645	0.646	0.427	0.411	1.013	0.829	1.019	0.826	0.729	0.728
3510-2245A-348	22D	.019	0.233	0.343	0.330	0.540	0.541	0.322	0.306	0.908	0.724	0.914	0.721	0.624	0.623
3510-2246A-348	22D	.019	0.185	0.117	0.104	0.314	0.315	0.096	0.080	0.682	0.498	0.688	0.495	0.398	0.397
3510-2247A-348	22D	.019	0.735	0.487	0.474	0.684	0.685	0.466	0.450	1.052	0.868	1.058	0.865	0.768	0.767
3510-2248A-348	22D	.019	0.434	0.641	0.628	0.838	0.839	0.620	0.604	1.206	1.022	1.212	1.019	0.922	0.921
3510-2249A-348	22D	.019	0.619	0.467	0.454	0.664	0.665	0.446	0.430	1.032	0.848	1.038	0.845	0.748	0.747
3510-2250A-348	22D	.019	0.315	0.240	0.227	0.437	0.438	0.219	0.203	0.805	0.621	0.811	0.618	0.521	0.520
3510-2251A-348	22D	.019	0.638	0.563	0.550	0.760	0.761	0.542	0.526	1.128	0.944	1.134	0.941	0.844	0.843
3510-2252A-348	22D	.019	0.250	0.562	0.549	0.759	0.760	0.541	0.525	1.127	0.943	1.133	0.940	0.843	0.842
3510-2253A-348	22D	.019	0.113	NONE	NONE	0.122	0.123	NONE	NONE	NONE	NONE	0.496	0.303	NONE	NONE



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Aerotronics Socket Part Number	Socket Type	PCB Tail		CONTACT EXTENSION FROM REAR						CONTACT EXTENSION FROM FLANGE					
		O.D.	Length	MS27466 MS27652	MS27515 MS27654 MS27656	MS27496	MS27505	MS27468 Shells 9 - 17	MS27468 Shells 19 - 25	MS27466 MS27652	MS27515 MS27654 MS27656	MS27496	MS27505	MS27468 Shells 9 - 17	MS27468 Shells 19 - 25
		±.001	Ref.												
3510-2254A-348	22D	.019	2.187	1.864	1.851	2.061	2.062	1.843	1.827	2.429	2.245	2.435	2.242	2.145	2.144
3510-2255A-348	22D	.019	0.312	0.057	0.044	0.254	0.255	0.036	NONE	0.622	0.438	0.628	0.435	0.338	NONE
3510-2256A-348	22D	.019	0.151	NONE	NONE	0.123	0.124	NONE	NONE	NONE	NONE	0.497	0.304	NONE	NONE
3510-2257A-348	22D	.019	0.202	NONE	NONE	0.146	0.147	NONE	NONE	NONE	NONE	0.520	0.327	NONE	NONE
3510-2258A-348	22D	.019	0.151	0.062	0.049	0.259	0.260	0.041	NONE	0.627	0.443	0.633	0.440	0.343	NONE
3510-2259A-348	22D	.019	0.254	0.211	0.198	0.408	0.409	0.190	0.174	0.776	0.592	0.782	0.589	0.492	0.491
3510-2260A-348	22D	.019	0.375	0.262	0.249	0.459	0.460	0.241	0.225	0.827	0.643	0.833	0.640	0.543	0.542
3510-2261A-348	22D	.019	0.224	0.425	0.412	0.622	0.623	0.404	0.388	0.990	0.806	0.996	0.803	0.706	0.705
3510-2262A-348	22D	.019	0.569	0.520	0.507	0.717	0.718	0.499	0.483	1.085	0.901	1.091	0.898	0.801	0.800
3510-2263A-348	22D	.019	0.584	0.574	0.561	0.771	0.772	0.553	0.537	1.139	0.955	1.145	0.952	0.855	0.854
3510-2264A-348	22D	.019	0.180	0.273	0.260	0.470	0.471	0.252	0.236	0.838	0.654	0.844	0.651	0.554	0.553
3510-2265A-348	22D	.019	0.197	0.545	0.532	0.742	0.743	0.524	0.508	1.110	0.926	1.116	0.923	0.826	0.825
3510-2266A-348	22D	.019	0.100	0.162	0.149	0.359	0.360	0.141	0.125	0.727	0.543	0.733	0.540	0.443	0.442
3510-2267A-348	22D	.019	0.330	0.255	0.242	0.452	0.453	0.234	0.218	0.820	0.636	0.826	0.633	0.536	0.535
3510-2268A-348	22D	.019	0.325	0.601	0.588	0.798	0.799	0.580	0.564	1.166	0.982	1.172	0.979	0.882	0.881
3510-2269A-348	22D	.019	0.743	0.675	0.662	0.872	0.873	0.654	0.638	1.240	1.056	1.246	1.053	0.956	0.955
3510-2270A-348	22D	.019	0.430	0.352	0.339	0.549	0.550	0.331	0.315	0.917	0.733	0.923	0.730	0.633	0.632
3510-2271A-348	22D	.019	0.227	0.219	0.206	0.416	0.417	0.198	0.182	0.784	0.600	0.790	0.597	0.500	0.499
3510-2272A-348	22D	.019	0.100	0.302	0.289	0.499	0.500	0.281	0.265	0.867	0.683	0.873	0.680	0.583	0.582
3510-2273A-348	22D	.019	0.564	0.489	0.476	0.686	0.687	0.468	0.452	1.054	0.870	1.060	0.867	0.770	0.769
3510-2274A-348	22D	.019	0.110	1.159	1.146	1.356	1.357	1.138	1.122	1.724	1.540	1.730	1.537	1.440	1.439
3510-2275A-348	22D	.019	0.509	0.254	0.241	0.451	0.452	0.233	0.217	0.819	0.635	0.825	0.632	0.535	0.534
3510-2276A-348	22D	.019	0.141	0.202	0.189	0.399	0.400	0.181	0.165	0.767	0.583	0.773	0.580	0.483	0.482
3510-2277A-348	22D	.019	0.125	0.220	0.207	0.417	0.418	0.199	0.183	0.785	0.601	0.791	0.598	0.501	0.500
3510-2278A-348	22D	.019	0.120	NONE	NONE	0.129	0.130	NONE	NONE	NONE	NONE	0.503	0.310	NONE	NONE
3510-2279A-349	22D	.019	0.509	0.254	0.241	0.451	0.452	0.233	0.217	0.819	0.635	0.825	0.632	0.535	0.534
3510-2280A-348	22D	.019	0.313	0.305	0.292	0.502	0.503	0.284	0.268	0.870	0.686	0.876	0.683	0.586	0.585
3510-2281A-348	22D	.019	0.100	0.172	0.159	0.369	0.370	0.151	0.135	0.737	0.553	0.743	0.550	0.453	0.452
3510-2282A-348	22D	.019	0.277	NONE	NONE	0.219	0.220	NONE	NONE	NONE	NONE	0.593	0.400	NONE	NONE
3510-2283A-348	22D	.019	0.525	0.277	0.264	0.474	0.475	0.256	0.240	0.842	0.658	0.848	0.655	0.558	0.557
3510-2284A-348	22D	.019	0.246	NONE	NONE	0.172	0.173	NONE	NONE	NONE	NONE	0.546	0.353	NONE	NONE
3510-2285A-348	22D	.019	0.442	0.187	0.174	0.384	0.385	0.166	0.150	0.752	0.568	0.758	0.565	0.468	0.467
3510-2286A-348	22D	.019	0.250	0.302	0.289	0.499	0.500	0.281	0.265	0.867	0.683	0.873	0.680	0.583	0.582
3510-2287A-348	22D	.019	0.512	0.437	0.424	0.634	0.635	0.416	0.400	1.002	0.818	1.008	0.815	0.718	0.717
3510-2288A-348	22D	.019	0.575	0.526	0.513	0.723	0.724	0.505	0.489	1.091	0.907	1.097	0.904	0.807	0.806
3510-2289A-349	22D	.019	0.310	0.532	0.519	0.729	0.730	0.511	0.495	1.097	0.913	1.103	0.910	0.813	0.812



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Aerotrronics Socket Part Number	Socket Type	PCB Tail		CONTACT EXTENSION FROM REAR						CONTACT EXTENSION FROM FLANGE					
		O.D. ±.001	Length Ref.	MS27466 MS27652	MS27515 MS27654 MS27656	MS27496	MS27505	MS27468 Shells 9 - 17	MS27468 Shells 19 - 25	MS27466 MS27652	MS27515 MS27654 MS27656	MS27496	MS27505	MS27468 Shells 9 - 17	MS27468 Shells 19 - 25
3510-2290A-348	22D	.019	0.186	0.458	0.445	0.655	0.656	0.437	0.421	1.023	0.839	1.029	0.836	0.739	0.738
3510-2291A-348	22D	.019	0.147	NONE	NONE	0.089	0.090	NONE	NONE	NONE	NONE	0.463	0.270	NONE	NONE
3510-2292A-348	22D	.019	0.438	0.547	0.534	0.744	0.745	0.526	0.510	1.112	0.928	1.118	0.925	0.828	0.827
3510-2293A-348	22D	.019	0.397	0.322	0.309	0.519	0.520	0.301	0.285	0.887	0.703	0.893	0.700	0.603	0.602
3510-2294A-348	22D	.019	0.338	0.410	0.397	0.607	0.608	0.389	0.373	0.975	0.791	0.981	0.788	0.691	0.690
3510-2295A-348	22D	.019	0.280	0.162	0.149	0.359	0.360	0.141	0.125	0.727	0.543	0.733	0.540	0.443	0.442
3510-2296A-348	22D	.019	0.316	0.226	0.213	0.423	0.424	0.205	0.189	0.791	0.607	0.797	0.604	0.507	0.506
3510-2297A-348	22D	.019	0.552	0.297	0.284	0.494	0.495	0.276	0.260	0.862	0.678	0.868	0.675	0.578	0.577
3510-2298A-348	22D	.019	0.311	0.373	0.360	0.570	0.571	0.352	0.336	0.938	0.754	0.944	0.751	0.654	0.653
3510-2299A-348	22D	.019	0.455	0.387	0.374	0.584	0.585	0.366	0.350	0.952	0.768	0.958	0.765	0.668	0.667
3510-2200-349	22M	.019	0.118	0.230	0.217	0.427	0.428	0.209	0.193	0.795	0.611	0.801	0.608	0.511	0.510
3510-2201-349	22M	.019	0.138	0.250	0.237	0.447	0.448	0.229	0.213	0.815	0.631	0.821	0.628	0.531	0.530
3510-2202-349	22M	.019	0.157	0.269	0.256	0.466	0.467	0.248	0.232	0.834	0.650	0.840	0.647	0.550	0.549
3510-2203-349	22M	.019	0.177	0.289	0.276	0.486	0.487	0.268	0.252	0.854	0.670	0.860	0.667	0.570	0.569
3510-2204-349	22M	.019	0.197	0.309	0.296	0.506	0.507	0.288	0.272	0.874	0.690	0.880	0.687	0.590	0.589
3510-2205-349	22M	.019	0.217	0.329	0.316	0.526	0.527	0.308	0.292	0.894	0.710	0.900	0.707	0.610	0.609
3510-2206-349	22M	.019	0.236	0.348	0.335	0.545	0.546	0.327	0.311	0.913	0.729	0.919	0.726	0.629	0.628
3510-2207-349	22M	.019	0.118	0.184	0.171	0.381	0.382	0.163	0.147	0.749	0.565	0.755	0.562	0.465	0.464
3510-2208-349	22M	.019	0.138	0.204	0.191	0.401	0.402	0.183	0.167	0.769	0.585	0.775	0.582	0.485	0.484
3510-2209-349	22M	.019	0.157	0.223	0.210	0.420	0.421	0.202	0.186	0.788	0.604	0.794	0.601	0.504	0.503
3510-2210-349	22M	.019	0.177	0.243	0.230	0.440	0.441	0.222	0.206	0.808	0.624	0.814	0.621	0.524	0.523
3510-2211-349	22M	.019	0.197	0.263	0.250	0.460	0.461	0.242	0.226	0.828	0.644	0.834	0.641	0.544	0.543
3510-2212-349	22M	.019	0.217	0.283	0.270	0.480	0.481	0.262	0.246	0.848	0.664	0.854	0.661	0.564	0.563
3510-2213-349	22M	.019	0.236	0.302	0.289	0.499	0.500	0.281	0.265	0.867	0.683	0.873	0.680	0.583	0.582
3510-2214-349	22M	.019	0.452	0.417	0.404	0.614	0.615	0.396	0.380	0.982	0.798	0.988	0.795	0.698	0.697
3510-2215-349	22M	.019	0.397	0.219	0.206	0.416	0.417	0.198	0.182	0.784	0.600	0.790	0.597	0.500	0.499
3510-2249-349	22M	.026	0.200	0.174	0.161	0.371	0.372	0.153	0.137	0.739	0.555	0.745	0.552	0.455	0.454
1510-2251-349	22M	.030	0.329	0.400	0.387	0.597	0.598	0.379	0.363	0.965	0.781	0.971	0.778	0.681	0.680
3510-2251-349	22M	.030	0.329	0.400	0.387	0.597	0.598	0.379	0.363	0.965	0.781	0.971	0.778	0.681	0.680
1510-22LFO-349	22M	.019	0.197	0.267	0.254	0.464	0.465	0.246	0.230	0.832	0.648	0.838	0.645	0.548	0.547
1510-22LF1-349	22M	.019	0.157	0.227	0.214	0.424	0.425	0.206	0.190	0.792	0.608	0.798	0.605	0.508	0.507
1510-22LF2-349	22M	.019	0.118	0.188	0.175	0.385	0.386	0.167	0.151	0.753	0.569	0.759	0.566	0.469	0.468
1510-2000-351	20	.026	0.400	0.145	0.132	0.342	0.343	0.124	0.108	0.710	0.526	0.716	0.523	0.426	0.425
1510-2001-351	20	.026	0.200	0.310	0.297	0.507	0.508	0.289	0.273	0.875	0.691	0.881	0.688	0.591	0.590
1510-2002-351	20	.019	0.435	0.343	0.330	0.540	0.541	0.322	0.306	0.908	0.724	0.914	0.721	0.624	0.623
1510-2003-351	20	.019	0.136	0.174	0.161	0.371	0.372	0.153	0.137	0.739	0.555	0.745	0.552	0.455	0.454



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Aerotronics Socket Part Number	Socket Type	PCB Tail		CONTACT EXTENSION FROM REAR						CONTACT EXTENSION FROM FLANGE					
		O.D.	Length	MS27466 MS27652	MS27515 MS27654 MS27656	MS27496	MS27505	MS27468 Shells 9 - 17	MS27468 Shells 19 - 25	MS27466 MS27652	MS27515 MS27654 MS27656	MS27496	MS27505	MS27468 Shells 9 - 17	MS27468 Shells 19 - 25
		±.001	Ref.												
1510-2004-351	20	.023	0.276	0.403	0.390	0.600	0.601	0.382	0.366	0.968	0.784	0.974	0.781	0.684	0.683
3510-2004-351	20	.023	0.276	0.403	0.390	0.600	0.601	0.382	0.366	0.968	0.784	0.974	0.781	0.684	0.683
1510-2005-351	20	.019	0.301	0.208	0.195	0.405	0.406	0.187	0.171	0.773	0.589	0.779	0.586	0.489	0.488
1510-2006-351	20	.019	0.145	0.135	0.122	0.332	0.333	0.114	0.098	0.700	0.516	0.706	0.513	0.416	0.415
1510-2007-351	20	.019	0.180	0.170	0.157	0.367	0.368	0.149	0.133	0.735	0.551	0.741	0.548	0.451	0.450
1510-2008-351	20	.019	0.218	0.208	0.195	0.405	0.406	0.187	0.171	0.773	0.589	0.779	0.586	0.489	0.488
1510-2009-351	20	.019	0.409	0.133	0.120	0.330	0.331	0.112	0.096	0.698	0.514	0.704	0.511	0.414	0.413
1510-2010-351	20	.019	0.639	0.550	0.537	0.747	0.748	0.529	0.513	1.115	0.931	1.121	0.928	0.831	0.830
1510-2011-351	20	.019	0.175	0.299	0.286	0.496	0.497	0.278	0.262	0.864	0.680	0.870	0.677	0.580	0.579
1510-2012-351	20	.029	0.329	0.400	0.387	0.597	0.598	0.379	0.363	0.965	0.781	0.971	0.778	0.681	0.680
1510-2013-351	20	.019	0.159	0.217	0.204	0.414	0.415	0.196	0.180	0.782	0.598	0.788	0.595	0.498	0.497
1510-2014-351	20	.039	0.325	0.704	0.691	0.901	0.902	0.683	0.667	1.269	1.085	1.275	1.082	0.985	0.984
1510-2015-351	20	.019	0.213	0.341	0.328	0.538	0.539	0.320	0.304	0.906	0.722	0.912	0.719	0.622	0.621
1510-2016-351	20	.019	0.244	0.302	0.289	0.499	0.500	0.281	0.265	0.867	0.683	0.873	0.680	0.583	0.582
1510-2017-351	20	.019	0.916	0.711	0.698	0.908	0.909	0.690	0.674	1.276	1.092	1.282	1.089	0.992	0.991
3510-2018-351	20	.032	0.916	0.711	0.698	0.908	0.909	0.690	0.674	1.276	1.092	1.282	1.089	0.992	0.991
1510-2019-351	20	.019	0.177	0.444	0.431	0.641	0.642	0.423	0.407	1.009	0.825	1.015	0.822	0.725	0.724
3510-2021-351	20	.020	0.310	0.355	0.342	0.552	0.553	0.334	0.318	0.920	0.736	0.926	0.733	0.636	0.635
3510-2023-351	20	.024	0.220	0.400	0.387	0.597	0.598	0.379	0.363	0.965	0.781	0.971	0.778	0.681	0.680
3510-2025-351	20	.030	0.349	0.095	0.082	0.292	0.293	0.074	0.058	0.660	0.476	0.666	0.473	0.376	0.375
3510-2026-351	20	.030	0.773	0.519	0.506	0.716	0.717	0.498	0.482	1.084	0.900	1.090	0.897	0.800	0.799
3510-2027-351	20	.030	0.262	NONE	NONE	0.205	0.206	NONE	NONE	NONE	NONE	0.579	0.386	NONE	NONE
1510-2029-351	20	.030	0.395	0.675	0.662	0.872	0.873	0.654	0.638	1.240	1.056	1.246	1.053	0.956	0.955
1510-2031-351	20	.030	0.300	0.675	0.662	0.872	0.873	0.654	0.638	1.240	1.056	1.246	1.053	0.956	0.955
3510-2032-351	20	.019	0.200	0.626	0.613	0.823	0.824	0.605	0.589	1.191	1.007	1.197	1.004	0.907	0.906
3510-2033-351	20	.020	0.090	0.103	0.090	0.300	0.301	0.082	0.066	0.668	0.484	0.674	0.481	0.384	0.383
3510-2034-351	20	.019	0.253	NONE	NONE	0.171	0.172	NONE	NONE	NONE	NONE	0.545	0.352	NONE	NONE
3510-2036-351	20	.019	0.230	0.220	0.207	0.417	0.418	0.199	0.183	0.785	0.601	0.791	0.598	0.501	0.500
3510-2037-351	20	.019	0.453	0.343	0.330	0.540	0.541	0.322	0.306	0.908	0.724	0.914	0.721	0.624	0.623
3510-2038-351	20	.030	0.244	0.391	0.378	0.588	0.589	0.370	0.354	0.956	0.772	0.962	0.769	0.672	0.671
3510-2039-351	20	.030	0.380	0.420	0.407	0.617	0.618	0.399	0.383	0.985	0.801	0.991	0.798	0.701	0.700
3510-2040-351	20	.048	0.192	0.487	0.474	0.684	0.685	0.466	0.450	1.052	0.868	1.058	0.865	0.768	0.767
1510-2041-351	20	.019	0.235	0.195	0.182	0.392	0.393	0.174	0.158	0.760	0.576	0.766	0.573	0.476	0.475
1510-2042-351	20	.019	0.474	0.320	0.307	0.517	0.518	0.299	0.283	0.885	0.701	0.891	0.698	0.601	0.600
1510-2043-351	20	.019	0.927	0.654	0.641	0.851	0.852	0.633	0.617	1.219	1.035	1.225	1.032	0.935	0.934
1510-2044-351	20	.019	0.538	0.453	0.440	0.650	0.651	0.432	0.416	1.018	0.834	1.024	0.831	0.734	0.733



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Aerotrronics Socket Part Number	Socket Type	PCB Tail		CONTACT EXTENSION FROM REAR						CONTACT EXTENSION FROM FLANGE					
		O.D. ±.001	Length Ref.	MS27466 MS27652	MS27515 MS27654 MS27656	MS27496	MS27505	MS27468 Shells 9 - 17	MS27468 Shells 19 - 25	MS27466 MS27652	MS27515 MS27654 MS27656	MS27496	MS27505	MS27468 Shells 9 - 17	MS27468 Shells 19 - 25
1510-2045-351	20	.019	0.481	0.208	0.195	0.405	0.406	0.187	0.171	0.773	0.589	0.779	0.586	0.489	0.488
3510-2046-351	20	.025	0.244	NONE	NONE	0.180	0.181	NONE	NONE	NONE	NONE	0.554	0.361	NONE	NONE
3510-2047-351	20	.025	0.552	0.343	0.330	0.540	0.541	0.322	0.306	0.908	0.724	0.914	0.721	0.624	0.623
3510-2048-351	20	.025	0.249	0.173	0.160	0.370	0.371	0.152	0.136	0.738	0.554	0.744	0.551	0.454	0.453
3510-2049-351	20	.025	0.375	0.465	0.452	0.662	0.663	0.444	0.428	1.030	0.846	1.036	0.843	0.746	0.745
3510-2050-351	20	.030	0.300	0.312	0.299	0.509	0.510	0.291	0.275	0.877	0.693	0.883	0.690	0.593	0.592
3510-5051-351	20	.030	0.300	0.580	0.567	0.777	0.778	0.559	0.543	1.145	0.961	1.151	0.958	0.861	0.860
3510-2052-351	20	.025	0.195	0.040	NONE	0.237	0.238	NONE	NONE	0.605	NONE	0.611	0.418	NONE	NONE
3510-2053-351	20	.025	0.420	0.343	0.330	0.540	0.541	0.322	0.306	0.908	0.724	0.914	0.721	0.624	0.623
3510-2054-351	20	.025	0.330	0.253	0.240	0.450	0.451	0.232	0.216	0.818	0.634	0.824	0.631	0.534	0.533
3510-2055-351	20	.025	0.155	0.276	0.263	0.473	0.474	0.255	0.239	0.841	0.657	0.847	0.654	0.557	0.556
3510-2056-351	20	.025	0.365	0.110	0.097	0.307	0.308	0.089	0.073	0.675	0.491	0.681	0.488	0.391	0.390
3510-2057-351	20	.025	0.320	0.303	0.290	0.500	0.501	0.282	0.266	0.868	0.684	0.874	0.681	0.584	0.583
3510-2058-351	20	.025	0.259	0.391	0.378	0.588	0.589	0.370	0.354	0.956	0.772	0.962	0.769	0.672	0.671
3510-2059-351	20	.025	0.425	0.355	0.342	0.552	0.553	0.334	0.318	0.920	0.736	0.926	0.733	0.636	0.635
3510-2060-351	20	.025	0.118	0.230	0.217	0.427	0.428	0.209	0.193	0.795	0.611	0.801	0.608	0.511	0.510
3510-2061-351	20	.025	0.138	0.250	0.237	0.447	0.448	0.229	0.213	0.815	0.631	0.821	0.628	0.531	0.530
3510-2062-351	20	.025	0.157	0.269	0.256	0.466	0.467	0.248	0.232	0.834	0.650	0.840	0.647	0.550	0.549
3510-2063-351	20	.025	0.177	0.289	0.276	0.486	0.487	0.268	0.252	0.854	0.670	0.860	0.667	0.570	0.569
3510-2064-351	20	.025	0.197	0.309	0.296	0.506	0.507	0.288	0.272	0.874	0.690	0.880	0.687	0.590	0.589
3510-2065-351	20	.025	0.217	0.329	0.316	0.526	0.527	0.308	0.292	0.894	0.710	0.900	0.707	0.610	0.609
3510-2066-351	20	.025	0.236	0.348	0.335	0.545	0.546	0.327	0.311	0.913	0.729	0.919	0.726	0.629	0.628
3510-2067-351	20	.025	0.342	0.055	0.042	0.252	0.253	0.034	0.018	0.620	0.436	0.626	0.433	0.336	0.335
3510-2068-351	20	.025	0.301	0.225	0.212	0.422	0.423	0.204	0.188	0.790	0.606	0.796	0.603	0.506	0.505
3510-2069-351	20	.025	0.400	0.145	0.132	0.342	0.343	0.124	0.108	0.710	0.526	0.716	0.523	0.426	0.425
3510-2071-351	20	.025	0.118	0.184	0.171	0.381	0.382	0.163	0.147	0.749	0.565	0.755	0.562	0.465	0.464
3510-2072-351	20	.025	0.138	0.204	0.191	0.401	0.402	0.183	0.167	0.769	0.585	0.775	0.582	0.485	0.484
3510-2073-351	20	.025	0.157	0.223	0.210	0.420	0.421	0.202	0.186	0.788	0.604	0.794	0.601	0.504	0.503
3510-2074-351	20	.025	0.177	0.243	0.230	0.440	0.441	0.222	0.206	0.808	0.624	0.814	0.621	0.524	0.523
3510-2075-351	20	.025	0.197	0.263	0.250	0.460	0.461	0.242	0.226	0.828	0.644	0.834	0.641	0.544	0.543
3510-2076-351	20	.025	0.217	0.283	0.270	0.480	0.481	0.262	0.246	0.848	0.664	0.854	0.661	0.564	0.563
3510-2077-351	20	.025	0.236	0.302	0.289	0.499	0.500	0.281	0.265	0.867	0.683	0.873	0.680	0.583	0.582
3510-2078-351	20	.019	0.242	0.262	0.249	0.459	0.460	0.241	0.225	0.827	0.643	0.833	0.640	0.543	0.542
3510-2079-351	20	.025	0.387	0.133	0.120	0.330	0.331	0.112	0.096	0.698	0.514	0.704	0.511	0.414	0.413
3510-2080-351	20	.024	0.635	0.470	0.457	0.667	0.668	0.449	0.433	1.035	0.851	1.041	0.848	0.751	0.750
3510-2081-351	20	.039	0.280	0.250	0.237	0.447	0.448	0.229	0.213	0.815	0.631	0.821	0.628	0.531	0.530





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Aerotrronics Socket Part Number	Socket Type	PCB Tail		CONTACT EXTENSION FROM REAR						CONTACT EXTENSION FROM FLANGE					
		O.D.	Length	MS27466 MS27652	MS27515 MS27654 MS27656	MS27496	MS27505	MS27468 Shells 9 - 17	MS27468 Shells 19 - 25	MS27466 MS27652	MS27515 MS27654 MS27656	MS27496	MS27505	MS27468 Shells 9 - 17	MS27468 Shells 19 - 25
		±.001	Ref.												
3510-2082-351	20	.019	0.323	0.253	0.240	0.450	0.451	0.232	0.216	0.818	0.634	0.824	0.631	0.534	0.533
3510-2083-351	20	.019	0.390	0.305	0.292	0.502	0.503	0.284	0.268	0.870	0.686	0.876	0.683	0.586	0.585
3510-2084-351	20	.019	0.370	0.285	0.272	0.482	0.483	0.264	0.248	0.850	0.666	0.856	0.663	0.566	0.565
3510-2086-351	20	.019	0.380	0.551	0.538	0.748	0.749	0.530	0.514	1.116	0.932	1.122	0.929	0.832	0.831
3510-2087-351	20	.019	0.288	0.203	0.190	0.400	0.401	0.182	0.166	0.768	0.584	0.774	0.581	0.484	0.483
3510-2088-351	20	.019	0.278	0.268	0.255	0.465	0.466	0.247	0.231	0.833	0.649	0.839	0.646	0.549	0.548
3510-2089-351	20	.019	0.130	0.332	0.319	0.528	0.530	0.311	0.295	0.897	0.713	0.902	0.710	0.613	0.612
3510-2090-351	20	.030	0.300	0.685	0.672	0.882	0.883	0.664	0.648	1.250	1.066	1.256	1.063	0.966	0.965
3510-2091-351	20	.019	0.325	0.375	0.362	0.572	0.573	0.354	0.338	0.940	0.756	0.946	0.753	0.656	0.655
3510-2092-351	20	.020	0.565	0.587	0.574	0.784	0.785	0.566	0.550	1.152	0.968	1.158	0.965	0.868	0.867
3510-2093-351	20	.025	0.400	0.416	0.403	0.613	0.614	0.395	0.379	0.981	0.797	0.987	0.794	0.697	0.696
3510-2094-351	20	.032	0.400	0.422	0.409	0.619	0.620	0.401	0.385	0.987	0.803	0.993	0.800	0.703	0.702
3510-2095-351	20	.024	0.280	0.533	0.520	0.730	0.731	0.512	0.496	1.098	0.914	1.104	0.911	0.814	0.813
1510-2096-351	20	.019	0.416	0.343	0.330	0.540	0.541	0.322	0.306	0.908	0.724	0.914	0.721	0.624	0.623
3510-2097-351	20	.026	0.500	0.245	0.232	0.442	0.443	0.224	0.208	0.810	0.626	0.816	0.623	0.526	0.525
3510-2098-351	20	.040	0.250	0.472	0.459	0.669	0.670	0.045	0.453	1.037	0.853	1.043	0.850	0.347	0.770
3510-1600-352	16	.025	0.436	0.343	0.330	0.540	0.541	0.322	0.306	0.908	0.724	0.914	0.721	0.624	0.623
3510-1601-352	16	.025	0.184	0.135	0.122	0.332	0.333	0.114	0.098	0.700	0.516	0.706	0.513	0.416	0.415
3510-1602-352	16	.025	0.219	0.170	0.157	0.367	0.368	0.149	0.133	0.735	0.551	0.741	0.548	0.451	0.450
3510-1603-352	16	.025	0.175	0.299	0.286	0.496	0.497	0.278	0.262	0.864	0.680	0.870	0.677	0.580	0.579
3510-1604-352	16	.040	0.175	0.299	0.286	0.496	0.497	0.278	0.262	0.864	0.680	0.870	0.677	0.580	0.579
3510-1605-352	16	.062	0.325	0.704	0.691	0.901	0.902	0.683	0.667	1.269	1.085	1.275	1.082	0.985	0.984
3510-1606-352	16	.062	0.090	0.103	0.090	0.300	0.301	0.082	0.066	0.668	0.484	0.674	0.481	0.384	0.383
3510-1607-352	16	.040	0.546	0.250	0.237	0.447	0.448	0.229	0.213	0.815	0.631	0.821	0.628	0.531	0.530
3510-1608-352	16	.040	0.220	0.400	0.387	0.597	0.598	0.379	0.363	0.965	0.781	0.971	0.778	0.681	0.680
3510-1609-352	16	.062	0.300	0.675	0.662	0.872	0.873	0.654	0.638	1.240	1.056	1.246	1.053	0.956	0.955
3510-1610-352	16	.029	0.300	0.340	0.327	0.537	0.538	0.319	0.303	0.905	0.721	0.911	0.718	0.621	0.620
3510-1611-352	16	.029	0.330	0.370	0.357	0.567	0.568	0.349	0.333	0.935	0.751	0.941	0.748	0.651	0.650
1510-1618-352	16	.0625	0.329	0.400	0.387	0.597	0.598	0.379	0.363	0.965	0.781	0.971	0.778	0.681	0.680
3510-1619-352	16	.0455	0.850	0.444	0.431	0.641	0.642	0.423	0.407	1.009	0.825	1.015	0.822	0.725	0.724
3510-1621-352	16	.062	0.118	0.230	0.217	0.427	0.428	0.209	0.193	0.795	0.611	0.801	0.608	0.511	0.510
3510-1623-352	16	.062	0.138	0.250	0.237	0.447	0.448	0.229	0.213	0.815	0.631	0.821	0.628	0.531	0.530
3510-1625-352	16	.062	0.157	0.269	0.256	0.466	0.467	0.248	0.232	0.834	0.650	0.840	0.647	0.550	0.549
3510-1626-352	16	.060	0.177	0.289	0.276	0.486	0.487	0.268	0.252	0.854	0.670	0.860	0.667	0.570	0.569
3510-1627-352	16	.062	0.197	0.309	0.296	0.506	0.507	0.288	0.272	0.874	0.690	0.880	0.687	0.590	0.589
3510-1628-352	16	.062	0.217	0.329	0.316	0.526	0.527	0.308	0.292	0.894	0.710	0.900	0.707	0.610	0.609



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		O.D. ±.001	Length Ref.	MS27466 MS27652	MS27515 MS27654 MS27656	MS27496	MS27505	MS27468 Shells 9 - 17	MS27468 Shells 19 - 25	MS27466 MS27652	MS27515 MS27654 MS27656	MS27496	MS27505	MS27468 Shells 9 - 17	MS27468 Shells 19 - 25
				3510-1629-352	16	.062	0.236	0.348	0.335	0.545	0.546	0.327	0.311	0.913	0.729
3510-1630-352	16	.062	0.118	0.184	0.171	0.381	0.382	0.163	0.147	0.749	0.565	0.755	0.562	0.465	0.464
3510-1631-352	16	.062	0.138	0.204	0.191	0.401	0.402	0.183	0.167	0.769	0.585	0.775	0.582	0.485	0.484
3510-1632-352	16	.062	0.157	0.223	0.210	0.420	0.421	0.202	0.186	0.788	0.604	0.794	0.601	0.504	0.503
3510-1633-352	16	.062	0.177	0.243	0.230	0.440	0.441	0.222	0.206	0.808	0.624	0.814	0.621	0.524	0.523
3510-1634-352	16	.062	0.197	0.263	0.250	0.460	0.461	0.242	0.226	0.828	0.644	0.834	0.641	0.544	0.543
3510-1635-352	16	.062	0.217	0.283	0.270	0.480	0.481	0.262	0.246	0.848	0.664	0.854	0.661	0.564	0.563
3510-1636-352	16	.062	0.236	0.302	0.289	0.499	0.500	0.281	0.265	0.867	0.683	0.873	0.680	0.583	0.582
3510-1637-352	16	.028	0.420	0.239	0.226	0.436	0.437	0.218	0.202	0.804	0.620	0.810	0.617	0.520	0.519
3510-1638-352	16	.062	0.300	0.679	0.666	0.876	0.877	0.658	0.642	1.244	1.060	1.250	1.057	0.960	0.959
3510-1639-352	16	.062	0.213	0.221	0.208	0.418	0.419	0.200	0.184	0.786	0.602	0.792	0.599	0.502	0.501
3510-1640-352	16	.028	0.419	0.259	0.246	0.456	0.457	0.278	0.222	0.824	0.640	0.830	0.637	0.580	0.539
3510-1641-352	16	.062	0.301	0.212	0.199	0.409	0.410	0.191	0.175	0.777	0.593	0.783	0.590	0.493	0.492
3510-1642-352	16	.062	0.280	0.250	0.237	0.447	0.448	0.229	0.213	0.815	0.631	0.821	0.628	0.531	0.530
3510-1643-352	16	.062	0.242	0.262	0.249	0.459	0.460	0.241	0.225	0.827	0.643	0.833	0.640	0.543	0.542
3510-1644-352	16	.062	0.130	0.332	0.319	0.529	0.530	0.311	0.295	0.897	0.713	0.903	0.710	0.613	0.612
3510-1645-352	16	.040	0.380	0.300	0.287	0.497	0.498	0.279	0.263	0.865	0.681	0.871	0.678	0.581	0.580
3510-1646-352	16	.025	0.250	0.272	0.259	0.469	0.470	0.251	0.235	0.837	0.653	0.843	0.650	0.553	0.552
3510-1647-352	16	.062	0.565	0.587	0.574	0.784	0.785	0.566	0.550	1.152	0.968	1.158	0.965	0.868	0.867
3510-1648-352	16	.050	0.175	0.245	0.232	0.442	0.443	0.224	0.208	0.810	0.626	0.816	0.623	0.526	0.525
3510-1649-352	16	.054	0.138	0.156	0.143	0.353	0.354	0.135	0.119	0.721	0.537	0.727	0.534	0.437	0.436
3510-1650-352	16	.044	0.200	0.217	0.204	0.414	0.415	0.196	0.180	0.782	0.598	0.788	0.595	0.498	0.497
3510-1651-352	16	.040	0.200	0.178	0.165	0.375	0.376	0.157	0.141	0.743	0.559	0.749	0.556	0.459	0.458
1510-1652-352	16	.040	0.413	0.343	0.330	0.540	0.541	0.322	0.306	0.908	0.724	0.914	0.721	0.624	0.623
3510-1652-352	16	.040	0.413	0.343	0.330	0.540	0.541	0.322	0.306	0.908	0.724	0.914	0.721	0.624	0.623
3510-1653-352	16	.062	0.363	0.209	0.196	0.406	0.407	0.188	0.172	0.774	0.590	0.780	0.587	0.490	0.489
3510-1654-352	16	.062	0.250	0.472	0.459	0.669	0.670	0.451	0.435	1.037	0.853	1.043	0.850	0.753	0.752
3510-1200-353	12	.082	0.118	0.230	0.217	0.427	0.428	0.209	0.193	0.795	0.611	0.801	0.608	0.511	0.510
3510-1201-353	12	.082	0.741	0.441	0.428	0.638	0.639	0.420	0.404	1.006	0.822	1.012	0.819	0.722	0.721
3510-1202-353	12	.082	0.145	0.135	0.122	0.332	0.333	0.114	0.098	0.700	0.516	0.706	0.513	0.416	0.415
3510-1203-353	12	.082	0.276	0.388	0.375	0.585	0.586	0.367	0.351	0.953	0.769	0.959	0.766	0.669	0.668
3510-1204-353	12	.082	0.180	0.170	0.157	0.367	0.368	0.149	0.133	0.735	0.551	0.741	0.548	0.451	0.450
3510-1205-353	12	.082	0.138	0.250	0.237	0.447	0.448	0.229	0.213	0.815	0.631	0.821	0.628	0.531	0.530
3510-1206-353	12	.094	0.325	0.704	0.691	0.901	0.902	0.683	0.667	1.269	1.085	1.275	1.082	0.985	0.984
3510-1207-353	12	.082	0.157	0.269	0.256	0.466	0.467	0.248	0.232	0.834	0.650	0.840	0.647	0.550	0.549
3510-1208-353	12	.082	0.177	0.289	0.276	0.486	0.487	0.268	0.252	0.854	0.670	0.860	0.667	0.570	0.569



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

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**38999 SERIES I PCB TAIL SOCKETS (inches) with FLANGE Stick-Out**

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Aerotrronics Socket Part Number	Socket Type	PCB Tail		CONTACT EXTENSION FROM REAR						CONTACT EXTENSION FROM FLANGE					
		O.D.	Length	MS27466 MS27652	MS27515 MS27654 MS27656	MS27496	MS27505	MS27468 Shells 9 - 17	MS27468 Shells 19 - 25	MS27466 MS27652	MS27515 MS27654 MS27656	MS27496	MS27505	MS27468 Shells 9 - 17	MS27468 Shells 19 - 25
		±.001	Ref.												
3510-1209-353	12	.082	0.197	0.309	0.296	0.506	0.507	0.288	0.272	0.874	0.690	0.880	0.687	0.590	0.589
3510-1210-353	12	.082	0.217	0.329	0.316	0.526	0.527	0.308	0.292	0.894	0.710	0.900	0.707	0.610	0.609
3510-1211-353	12	.082	0.236	0.348	0.335	0.545	0.546	0.327	0.311	0.913	0.729	0.919	0.726	0.629	0.628
1510-1213-353	12	.094	0.329	0.400	0.387	0.597	0.598	0.379	0.363	0.965	0.781	0.971	0.778	0.681	0.680
3510-1214-353	12	.094	0.280	0.299	0.286	0.496	0.497	0.278	0.262	0.864	0.680	0.870	0.677	0.580	0.579
3510-1230-353	12	.082	0.118	0.184	0.171	0.381	0.382	0.163	0.147	0.749	0.565	0.755	0.562	0.465	0.464
3510-1231-353	12	.082	0.138	0.204	0.191	0.401	0.402	0.183	0.167	0.769	0.585	0.775	0.582	0.485	0.484
3510-1232-353	12	.082	0.157	0.223	0.210	0.420	0.421	0.202	0.186	0.788	0.604	0.794	0.601	0.504	0.503
3510-1233-353	12	.082	0.177	0.243	0.230	0.440	0.441	0.222	0.206	0.808	0.624	0.814	0.621	0.524	0.523
3510-1234-353	12	.082	0.197	0.263	0.250	0.460	0.461	0.242	0.226	0.828	0.644	0.834	0.641	0.544	0.543
3510-1235-353	12	.082	0.217	0.283	0.270	0.480	0.481	0.262	0.246	0.848	0.664	0.854	0.661	0.564	0.563
3510-1236-353	12	.082	0.236	0.302	0.289	0.499	0.500	0.281	0.265	0.867	0.683	0.873	0.680	0.583	0.582
3510-1237-353	12	.094	0.565	0.587	0.574	0.784	0.785	0.566	0.550	1.152	0.968	1.158	0.965	0.868	0.867
3510-1238-353	12	.082	0.175	0.245	0.232	0.442	0.443	0.224	0.208	0.810	0.626	0.816	0.623	0.526	0.525
3510-1239-353	12	.081	0.286	0.209	0.196	0.406	0.407	0.188	0.172	0.774	0.590	0.780	0.587	0.490	0.489
3510-1240-353	12	.081	.590	0.128	0.115	0.325	0.326	0.107	0.091	0.693	0.509	0.699	0.506	0.409	0.408
3510-1241-353	12	.081	0.815	0.353	0.340	0.550	0.551	0.332	0.316	0.918	0.734	0.924	0.731	0.634	0.633
3510-1242-353	12	.071	0.128	0.559	0.546	0.756	0.757	0.538	0.522	1.124	0.940	1.130	0.937	0.840	0.839
3510-1243-353	12	.081	0.250	0.469	0.462	0.661	0.660	0.454	0.438	1.034	0.856	1.035	0.840	0.756	0.755