



Aerotrónica Pin Part Number	Pin 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
		±.03	Ref.	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite
4511-2201-360	22D	0.51	10.67	8.48	8.46	8.46	7.62	19.41	20.90	17.73	20.07
3511-2202-360	22D	0.38	6.10	1.32	1.30	1.30	NONE	12.24	13.74	10.57	NONE
3511-2203-360	22D	0.38	8.64	3.86	3.84	3.84	3.00	14.78	16.28	13.11	15.44
3511-2204-360	22D	0.38	11.18	6.40	6.38	6.38	5.54	17.32	18.82	15.65	17.98
4511-2205-360	22D	0.48	13.72	8.94	8.92	8.92	8.08	19.86	21.36	18.19	20.52
3511-2205-360	22D	0.48	13.72	8.94	8.92	8.92	8.08	19.86	21.36	18.19	20.52
4511-2206-360	22D	0.51	13.67	13.18	13.16	13.16	12.32	24.10	25.60	22.43	24.77
4511-2207-360	22D	0.48	5.89	5.44	5.41	5.41	4.57	16.36	17.86	14.68	17.02
4511-2208-360	22D	0.64	6.22	9.14	9.12	9.12	8.28	20.07	21.56	18.39	20.73
4511-2210-360	22D	0.51	11.10	6.68	6.65	6.65	5.82	17.60	19.10	15.93	18.26
4511-2211-360	22D	0.48	6.76	4.57	4.55	4.55	3.71	15.49	16.99	13.82	16.15
4511-2212-360	22D	0.51	9.02	3.61	3.58	3.58	2.74	14.53	16.03	12.85	15.19
4511-2213-360	22D	0.53	8.76	8.31	8.28	8.28	7.44	19.23	20.73	17.55	19.89
4511-2214-360	22D	0.48	3.68	3.25	3.23	3.23	2.39	14.17	15.67	12.50	14.83
4511-2215-360	22D	0.53	7.19	6.73	6.71	6.71	5.87	17.65	19.15	15.98	18.31
4511-2217-360	22D	0.48	4.52	11.38	11.35	11.35	10.52	22.30	23.80	20.62	22.96
4511-2218-360	22D	0.51	8.53	8.81	8.79	8.79	7.95	19.74	21.23	18.06	20.40
4511-2220-360	22D	0.48	7.01	6.83	6.81	6.81	5.97	17.75	19.25	16.08	18.42
4511-2221-360	22D	0.51	7.19	26.26	26.24	26.24	25.40	37.19	38.68	35.51	37.85
4511-2223-360	22D	0.64	9.27	11.56	11.53	11.53	10.69	22.48	23.98	20.80	23.14
4511-2225-360	22D	0.48	12.50	10.36	10.34	10.34	9.50	21.29	22.78	19.61	21.95



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Aerotronics Pin Part Number	Pin 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
		±.03	Ref.	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite
4511-2227-360	22D	0.69	5.77	11.58	11.56	11.56	10.72	22.50	24.00	20.83	23.16
4511-2229-360	22D	0.76	7.62	8.84	8.81	8.81	7.98	19.76	21.26	18.08	20.42
4511-2230-360	22D	0.51	5.59	0.97	0.94	0.94	NONE	11.89	13.39	10.21	NONE
4511-2231-360	22D	0.51	10.34	5.97	5.94	5.94	5.11	16.89	18.39	15.21	17.55
4511-2232-360	22D	0.51	11.43	5.54	5.51	5.51	4.67	16.46	17.96	14.78	17.12
4511-2233-360	22D	0.51	11.18	5.23	5.21	5.21	4.37	16.15	17.65	14.48	16.81
4511-2234-360	22D	0.51	7.04	2.67	2.64	2.64	1.80	13.59	15.09	11.91	14.25
4511-2236-360	22D	0.48	4.57	4.14	4.11	4.11	3.28	15.06	16.56	13.39	15.72
4511-2237-360	22D	0.76	19.38	15.06	15.04	15.04	14.20	25.98	27.48	24.31	26.64
4511-2238-360	22D	0.76	22.68	18.36	18.34	18.34	17.50	29.29	30.78	27.61	29.95
4511-2239-360	22D	0.51	4.29	4.85	4.83	4.83	3.99	15.77	17.27	14.10	16.43
4511-2241-360	22D	0.71	3.99	5.64	5.61	5.61	4.78	16.56	18.06	14.88	17.22
4511-2243-360	22D	0.48	3.99	5.00	4.98	4.98	4.14	15.93	17.42	14.25	16.59
4511-2244-360	22D	0.51	4.57	4.11	4.09	4.09	3.25	15.04	16.54	13.36	15.70
4511-2245-360	22D	0.51	3.07	4.24	4.22	4.22	3.38	15.16	16.66	13.49	15.82
4511-2246-360	22D	0.48	2.39	1.93	1.91	1.91	1.07	12.85	14.35	11.18	13.51
4511-2247-360	22D	0.64	8.36	9.91	9.88	9.88	9.04	20.83	22.33	19.15	21.49
4511-2248-360	22D	0.81	10.16	10.19	10.16	10.16	9.32	21.11	22.61	19.43	21.77
4511-2249-360	22D	0.56	4.32	6.32	6.30	6.30	5.46	17.25	18.75	15.57	17.91
3511-2250-360	22D	0.48	13.82	11.76	11.73	11.73	10.90	22.68	24.18	21.01	23.34
4511-2251-360	22D	0.48	5.99	10.19	10.16	10.16	9.32	21.11	22.61	19.43	21.77
4511-2252-360	22D	0.48	5.21	18.52	18.49	18.49	17.65	29.44	30.94	27.76	30.10
3511-2253-360	22D	0.48	12.70	15.16	15.14	15.14	14.30	26.09	27.58	24.41	26.75
4511-2254-360	22D	0.64	3.68	6.68	6.65	6.65	5.82	17.60	19.10	15.93	18.26
3511-2255-360	22D	0.64	11.30	14.35	14.33	14.33	13.49	25.27	26.77	23.60	25.93
4511-2256-360	22D	0.64	8.76	11.81	11.79	11.79	10.95	22.73	24.23	21.06	23.39
4511-2257-360	22D	0.74	3.00	8.79	8.76	8.76	7.92	19.71	21.21	18.03	20.37
3511-2258-360	22D	0.64	13.84	16.79	16.76	16.76	15.93	27.71	29.21	26.04	28.37
3511-2259-360	22D	0.79	19.35	15.06	15.04	15.04	14.20	25.98	27.48	24.31	26.64
3511-2260-360	22D	0.64	13.08	6.63	6.60	6.60	5.77	17.55	19.05	15.88	18.21
4511-2261-360	22D	0.76	3.76	8.13	8.10	8.10	7.26	19.05	20.55	17.37	19.71
4511-2262-360	22D	0.48	3.48	7.37	7.34	7.34	6.50	18.29	19.79	16.61	18.95
4511-2263-360	22D	0.48	6.38	14.05	14.02	14.02	13.18	24.97	26.47	23.29	25.63
4511-2264-360	22D	0.48	6.78	2.46	2.44	2.44	1.60	13.39	14.88	11.71	14.05
4511-2265-360	22D	0.48	10.41	10.19	10.16	10.16	9.32	21.11	22.61	19.43	21.77
4511-2266-360	22D	0.48	8.76	4.50	4.47	4.47	3.63	15.42	16.92	13.74	16.08
4511-2267-360	22D	0.48	10.92	6.65	6.63	6.63	5.79	17.58	19.08	15.90	18.24



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		O.D.	Length	D38999/20	D38999/20	D38999/24	D38999/24	D38999/20	D38999/20	D38999/24	D38999/24
		±.03	Ref.	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite
4511-2270-360	22D	0.48	4.19	8.10	8.08	8.08	7.24	19.02	20.52	17.35	19.69
4511-2271-360	22D	0.64	16.00	19.00	18.97	18.97	18.14	29.92	31.42	28.24	30.58
3511-2272-360	22D	0.48	19.53	15.24	15.21	15.21	14.38	26.16	27.66	24.49	26.82
3511-2273-360	22D	0.48	12.93	6.20	6.17	6.17	5.33	17.12	18.62	15.44	17.78
4511-2275-360	22D	0.48	5.08	6.35	6.32	6.32	5.49	17.27	18.77	15.60	17.93
4511-2276-360	22D	0.48	9.14	9.02	8.99	8.99	8.15	19.94	21.44	18.26	20.60
4511-2278-360	22D	0.48	6.10	6.12	6.10	6.10	5.26	17.04	18.54	15.37	17.70
4511-2279-360	22D	0.66	4.62	3.68	3.66	3.66	2.82	14.61	16.10	12.93	15.27
3511-2280-360	22D	0.48	14.68	12.52	12.50	12.50	11.66	23.44	24.94	21.77	24.10
3511-2281-360	22D	0.48	13.26	11.10	11.07	11.07	10.24	22.02	23.52	20.35	22.68
4511-2282-360	22D	0.48	6.10	5.51	5.49	5.49	4.65	16.43	17.93	14.76	17.09
4511-2283-360	22D	0.48	10.34	5.94	5.92	5.92	5.08	16.87	18.36	15.19	17.53
4511-2285-360	22D	0.48	5.21	22.15	22.12	22.12	21.29	33.07	34.57	31.39	33.73
4511-2286-360	22D	0.48	8.23	31.22	31.19	31.19	30.35	42.14	43.64	40.46	42.80
4511-2287-360	22D	0.48	10.44	6.05	6.02	6.02	5.18	16.97	18.47	15.29	17.63
4511-2288-360	22D	0.48	6.10	5.51	5.49	5.49	4.65	16.43	17.93	14.76	17.09
4511-2289-360	22D	0.48	13.03	24.77	24.74	24.74	23.90	35.69	37.19	34.01	36.35
4511-2291-360	22D	0.48	5.08	1.45	1.42	1.42	NONE	12.37	13.87	10.69	NONE
4511-2293-360	22D	0.48	16.33	6.91	6.88	6.88	6.05	17.83	19.33	16.15	18.49
4511-2294-360	22D	0.48	7.42	5.26	5.23	5.23	4.39	16.18	17.68	14.50	16.84
4511-2295-360	22D	0.48	6.45	5.11	5.08	5.08	4.24	16.03	17.53	14.35	16.69
4511-2296-360	22D	0.48	2.18	3.68	3.66	3.66	2.82	14.61	16.10	12.93	15.27
4511-2297-360	22D	0.48	8.89	4.42	4.39	4.39	3.56	15.34	16.84	13.67	16.00
4511-2298-360	22D	0.48	11.86	9.70	9.68	9.68	8.84	20.62	22.12	18.95	21.29
4511-2299-360	22D	0.48	7.37	1.07	1.04	1.04	NONE	11.99	13.49	10.31	NONE
4511-2253B-360	22D	0.76	6.35	6.20	6.17	6.17	5.33	17.12	18.62	15.44	17.78
4511-2254B-360	22D	0.79	5.00	4.80	4.78	4.78	3.94	15.72	17.22	14.05	16.38
4511-2255B-360	22D	0.48	4.32	7.80	7.77	7.77	6.93	18.72	20.22	17.04	19.38
4511-2256B-360	22D	0.48	6.50	9.73	9.70	9.70	8.86	20.65	22.15	18.97	21.31
4511-2257B-360	22D	0.48	7.87	7.29	7.26	7.26	6.43	18.21	19.71	16.54	18.87
4511-2258B-360	22D	0.48	3.76	1.65	1.63	1.63	0.79	12.57	14.07	10.90	13.23
4511-2259B-360	22D	0.48	11.43	4.27	4.24	4.24	3.40	15.19	16.69	13.51	15.85
4511-2260B-360	22D	0.48	11.94	7.54	7.52	7.52	6.68	18.47	19.96	16.79	19.13
4511-2261B-360	22D	0.48	7.24	7.29	7.26	7.26	6.43	18.21	19.71	16.54	18.87
4511-2262B-360	22D	0.48	7.24	7.14	7.11	7.11	6.27	18.06	19.56	16.38	18.72
4511-2263B-360	22D	0.48	6.73	4.57	4.55	4.55	3.71	15.49	16.99	13.82	16.15
4511-2264B-360	22D	0.48	3.00	4.27	4.24	4.24	3.40	15.19	16.69	13.51	15.85



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Aerotrronics Pin Part Number	Pin 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
		±.03	Ref.	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite
4511-2265B-360	22D	0.48	12.50	10.36	10.34	10.34	9.50	21.29	22.78	19.61	21.95
4511-2266B-360	22D	0.48	14.55	12.42	12.40	12.40	11.56	23.34	24.84	21.67	24.00
4511-2267B-360	22D	0.48	11.25	9.12	9.09	9.09	8.26	20.04	21.54	18.36	20.70
4511-2268B-360	22D	0.48	9.02	21.56	21.54	21.54	20.70	32.49	33.99	30.81	33.15
4511-2269B-360	22D	0.48	8.00	3.61	3.58	3.58	2.74	14.53	16.03	12.85	15.19
4511-2270B-360	22D	0.48	2.54	3.81	3.78	3.78	2.95	14.73	16.23	13.06	15.39
4511-2271B-360	22D	0.48	7.24	6.78	6.76	6.76	5.92	17.70	19.20	16.03	18.36
4511-2272B-360	22D	0.48	15.19	11.35	11.33	11.33	10.49	22.28	23.77	20.60	22.94
4511-2274B-360	22D	0.48	11.33	7.04	7.01	7.01	6.17	17.96	19.46	16.28	18.62
4511-2275B-360	22D	0.48	11.81	7.42	7.39	7.39	6.55	18.34	19.84	16.66	19.00
4511-2276B-360	22D	0.48	11.13	13.64	13.61	13.61	12.78	24.56	26.06	22.89	25.22
4511-2277B-360	22D	0.48	18.92	30.48	30.45	30.45	29.62	41.40	42.90	39.73	42.06
4511-2278B-360	22D	0.48	10.82	6.43	6.40	6.40	5.56	17.35	18.85	15.67	18.01
4511-2279B-360	22D	0.48	9.93	7.77	7.75	7.75	6.91	18.69	20.19	17.02	19.35
4511-2281B-360	22D	0.48	5.28	4.90	4.88	4.88	4.04	15.82	17.32	14.15	16.48
4511-2282B-360	22D	0.48	3.99	11.79	11.76	11.76	10.92	22.71	24.21	21.03	23.37
4511-2283B-360	22D	0.48	4.75	2.59	2.57	2.57	1.73	13.51	15.01	11.84	14.17
4511-2284B-360	22D	0.48	8.03	2.74	2.72	2.72	1.88	13.67	15.16	11.99	14.33
4511-2285B-360	22D	0.48	4.93	9.09	9.07	9.07	8.23	20.02	21.51	18.34	20.68
4511-2286B-360	22D	0.48	4.88	9.83	9.80	9.80	8.97	20.75	22.25	19.08	21.41
4511-2287B-360	22D	0.48	10.67	8.51	8.48	8.48	7.65	19.43	20.93	17.75	20.09
4511-2289B-360	22D	0.48	6.35	14.02	14.00	14.00	13.16	24.94	26.44	23.27	25.60
4511-2290B-360	22D	0.48	5.66	1.02	0.99	0.99	NONE	11.94	13.44	10.26	NONE
4511-2293B-360	22D	0.48	2.54	3.86	3.84	3.84	3.00	14.78	16.28	13.11	15.44
4511-2294B-360	22D	0.48	10.92	8.69	8.66	8.66	7.82	19.61	21.11	17.93	20.27
4511-2295B-360	22D	0.48	5.77	5.31	5.28	5.28	4.45	16.23	17.73	14.55	16.89
4511-2297B-360	22D	0.48	13.00	10.85	10.82	10.82	9.98	21.77	23.27	20.09	22.43
4511-2298B-360	22D	0.48	7.21	4.98	4.95	4.95	4.11	15.90	17.40	14.22	16.56
4511-2299B-360	22D	0.48	8.69	8.26	8.23	8.23	7.39	19.18	20.68	17.50	19.84
4511-2200-361	22M	0.51	11.43	5.26	5.23	5.23	4.39	16.18	17.68	14.50	16.84
4511-2201-361	22M	0.56	4.75	7.72	7.70	7.70	6.86	18.64	20.14	16.97	19.30
3511-2202-361	22M	0.48	14.48	12.95	12.93	12.93	12.09	23.88	25.37	22.20	24.54
4511-2202-361	22M	0.48	14.48	12.95	12.93	12.93	12.09	23.88	25.37	22.20	24.54
1511-2203-361	22M	0.48	9.60	5.49	5.46	5.46	4.62	16.41	17.91	14.73	17.07
3511-2203-361	22M	0.48	9.60	5.49	5.46	5.46	4.62	16.41	17.91	14.73	17.07
4511-2203-361	22M	0.48	9.60	5.49	5.46	5.46	4.62	16.41	17.91	14.73	17.07
4511-2204-361	22M	0.48	7.75	23.09	23.06	23.06	22.23	34.01	35.51	32.33	34.67



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Aerotrronics Pin Part Number	Pin 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
		±.03	Ref.	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite
4511-2205-361	22M	0.48	7.75	1.19	1.17	1.17	NONE	12.12	13.61	10.44	NONE
1511-2206-361	22M	0.48	12.42	8.33	8.31	8.31	7.47	19.25	20.75	17.58	19.91
3511-2206-361	22M	0.48	12.42	8.33	8.31	8.31	7.47	19.25	20.75	17.58	19.91
4511-2206-361	22M	0.48	12.42	8.33	8.31	8.31	7.47	19.25	20.75	17.58	19.91
3511-2207-361	22M	0.48	19.41	17.25	17.22	17.22	16.38	28.17	29.67	26.49	28.83
4511-2207-361	22M	0.48	19.41	17.25	17.22	17.22	16.38	28.17	29.67	26.49	28.83
4511-2208-361	22M	0.48	5.08	1.45	1.42	1.42	NONE	12.37	13.87	10.69	NONE
3511-2211-361	22M	0.48	7.62	2.24	2.21	2.21	1.37	13.16	14.66	11.48	13.82
4511-2211-361	22M	0.48	7.62	2.24	2.21	2.21	1.37	13.16	14.66	11.48	13.82
3511-2212-361	22M	0.51	8.94	3.58	3.56	3.56	2.72	14.50	16.00	12.83	15.16
4511-2213-361	22M	0.48	11.28	7.04	7.01	7.01	6.17	17.96	19.46	16.28	18.62
4511-2214-361	22M	0.48	2.29	8.05	8.03	8.03	7.19	18.97	20.47	17.30	19.63
1511-2216-361	22M	0.48	8.94	4.62	4.60	4.60	3.76	15.54	17.04	13.87	16.21
4511-2217-361	22M	0.48	3.00	4.29	4.27	4.27	3.43	15.21	16.71	13.54	15.88
4511-2218-361	22M	0.48	3.51	4.80	4.78	4.78	3.94	15.72	17.22	14.05	16.38
4511-2219-361	22M	0.48	3.99	5.28	5.26	5.26	4.42	16.21	17.70	14.53	16.87
4511-2221-361	22M	0.48	4.50	5.79	5.77	5.77	4.93	16.71	18.21	15.04	17.37
4511-2223-361	22M	0.48	5.00	6.30	6.27	6.27	5.44	17.22	18.72	15.54	17.88
4511-2225-361	22M	0.48	5.51	6.81	6.78	6.78	5.94	17.73	19.23	16.05	18.39
4511-2226-361	22M	0.48	14.55	12.42	12.40	12.40	11.56	23.34	24.84	21.67	24.00
4511-2227-361	22M	0.48	5.99	7.29	7.26	7.26	6.43	18.21	19.71	16.54	18.87
4511-2228-361	22M	0.48	6.78	6.63	6.60	6.60	5.77	17.55	19.05	15.88	18.21
4511-2229-361	22M	0.51	7.26	7.04	7.01	7.01	6.17	17.96	19.46	16.28	18.62
3591-2231-361	22M	0.46	16.33	6.91	6.88	6.88	6.05	17.83	19.33	16.15	18.49
3591-2234-361	22M	0.46	16.33	6.91	6.88	6.88	6.05	17.83	19.33	16.15	18.49
4511-2240-361	22M	0.48	3.00	5.13	5.11	5.11	4.27	16.05	17.55	14.38	16.71
4511-2241-361	22M	0.48	3.51	5.64	5.61	5.61	4.78	16.56	18.06	14.88	17.22
4511-2242-361	22M	0.48	3.99	6.12	6.10	6.10	5.26	17.04	18.54	15.37	17.70
4511-2243-361	22M	0.48	4.50	6.63	6.60	6.60	5.77	17.55	19.05	15.88	18.21
4511-2244-361	22M	0.48	5.00	7.14	7.11	7.11	6.27	18.06	19.56	16.38	18.72
4511-2245-361	22M	0.48	5.51	7.65	7.62	7.62	6.78	18.57	20.07	16.89	19.23
4511-2246-361	22M	0.48	5.99	8.13	8.10	8.10	7.26	19.05	20.55	17.37	19.71
4511-2247-361	22M	0.51	19.53	15.19	15.16	15.16	14.33	26.11	27.61	24.43	26.77
4511-2248-361	22M	0.48	8.08	11.43	11.40	11.40	10.57	22.35	23.85	20.68	23.01
4511-2249-361	22M	0.48	10.49	8.51	8.48	8.48	7.65	19.43	20.93	17.75	20.09
1511-2250-361	22M	0.48	12.75	6.20	6.17	6.17	5.33	17.12	18.62	15.44	17.78
3511-2250-361	22M	0.48	12.75	6.20	6.17	6.17	5.33	17.12	18.62	15.44	17.78



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Aerotronics Pin Part Number	Pin 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
		±.03	Ref.	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite
4511-2251-361	22M	0.48	6.76	2.64	2.62	2.62	1.78	13.56	15.06	11.89	14.22
1511-2254-361	22M	0.48	19.35	15.24	15.21	15.21	14.38	26.16	27.66	24.49	26.82
3511-2254-361	22M	0.48	19.35	15.24	15.21	15.21	14.38	26.16	27.66	24.49	26.82
4511-2255-361	22M	0.48	5.49	3.51	3.48	3.48	2.64	14.43	15.93	12.75	15.09
3511-2259-361	22M	0.48	14.33	12.17	12.14	12.14	11.30	23.09	24.59	21.41	23.75
4511-2260-361	22M	0.74	7.11	6.17	6.15	6.15	5.31	17.09	18.59	15.42	17.75
4511-2263-361	22M	0.48	5.97	3.78	3.76	3.76	2.92	14.71	16.21	13.03	15.37
4511-2264-361	22M	0.48	6.81	10.16	10.13	10.13	9.30	21.08	22.58	19.41	21.74
3511-2266-361	22M	0.48	16.03	11.73	11.71	11.71	10.87	22.66	24.16	20.98	23.32
4511-2267-361	22M	0.48	3.00	6.15	6.12	6.12	5.28	17.07	18.57	15.39	17.73
4511-2268-361	22M	0.48	8.38	6.22	6.20	6.20	5.36	17.15	18.64	15.47	17.81
4511-2000-363	20	0.64	7.54	5.54	5.51	5.51	4.67	16.46	17.96	14.78	17.12
4511-2001-363	20	0.66	5.08	7.70	7.67	7.67	6.83	18.62	20.12	16.94	19.28
1511-2002-363	20	0.48	10.97	8.51	8.48	8.48	7.65	19.43	20.93	17.75	20.09
4511-2002-363	20	0.48	11.05	8.51	8.48	8.48	7.65	19.43	20.93	17.75	20.09
4511-2003-363	20	0.48	3.45	3.30	3.28	3.28	2.44	14.22	15.72	12.55	14.88
4511-2004-363	20	0.51	6.35	7.04	7.01	7.01	6.17	17.96	19.46	16.28	18.62
4511-2006-363	20	0.48	7.62	5.08	5.05	5.05	4.22	16.00	17.50	14.33	16.66
4511-2007-363	20	0.64	9.58	3.45	3.43	3.43	2.59	14.38	15.88	12.70	15.04
4511-2008-363	20	0.64	8.71	1.19	1.17	1.17	NONE	12.12	13.61	10.44	NONE
4511-2009-363	20	0.64	10.19	3.51	3.48	3.48	2.64	14.43	15.93	12.75	15.09
3511-2010-363	20	0.48	2.16	5.26	5.23	5.23	4.39	16.18	17.68	14.50	16.84
1511-2011-363	20	0.48	10.31	5.31	5.28	5.28	4.45	16.23	17.73	14.55	16.89
1511-2012-363	20	0.48	10.41	3.18	3.15	3.15	2.31	14.10	15.60	12.42	14.76
1511-2013-363	20	0.48	8.51	1.19	1.17	1.17	NONE	12.12	13.61	10.44	NONE
1511-2015-363	20	0.48	23.72	16.41	16.38	16.38	15.54	27.33	28.83	25.65	27.99
1511-2016-363	20	0.48	5.08	1.45	1.42	1.42	NONE	12.37	13.87	10.69	NONE
1511-2017-363	20	0.48	12.22	5.08	5.05	5.05	4.22	16.00	17.50	14.33	16.66
1511-2018-363	20	0.48	8.69	6.15	6.12	6.12	5.28	17.07	18.57	15.39	17.73
4511-2021-363	20	0.51	6.35	3.89	3.86	3.86	3.02	14.81	16.31	13.13	15.47
4511-2022-363	20	0.51	6.35	7.04	7.01	7.01	6.17	17.96	19.46	16.28	18.62
4511-2023-363	20	0.51	2.29	3.56	3.53	3.53	2.69	14.48	15.98	12.80	15.14
4511-2024-363	20	0.48	8.31	5.77	5.74	5.74	4.90	16.69	18.19	15.01	17.35
3511-2025-363	20	0.48	18.08	15.54	15.52	15.52	14.68	26.47	27.97	24.79	27.13
4511-2026-363	20	0.48	10.67	8.51	8.48	8.48	7.65	19.43	20.93	17.75	20.09
4511-2027-363	20	0.48	8.38	6.22	6.20	6.20	5.36	17.15	18.64	15.47	17.81
4511-2028-363	20	0.48	6.96	2.13	2.11	2.11	1.27	13.06	14.55	11.38	13.72



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		O.D.	Length	D38999/20	D38999/20	D38999/24	D38999/24	D38999/20	D38999/20	D38999/24	D38999/24
		±.03	Ref.	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite
4511-2029-363	20	0.48	10.67	8.51	8.48	8.48	7.65	19.43	20.93	17.75	20.09
4511-2030-363	20	1.02	6.99	10.95	10.92	10.92	10.08	21.87	23.37	20.19	22.53
4511-2031-363	20	0.64	14.00	8.51	8.48	8.48	7.65	19.43	20.93	17.75	20.09
4511-2032-363	20	0.58	7.01	10.06	10.03	10.03	9.19	20.98	22.48	19.30	21.64
4511-2033-363	20	0.64	4.06	3.25	3.23	3.23	2.39	14.17	15.67	12.50	14.83
4511-2034-363	20	0.64	4.95	4.14	4.11	4.11	3.28	15.06	16.56	13.39	15.72
4511-2035-363	20	0.64	8.05	6.27	6.25	6.25	5.41	17.20	18.69	15.52	17.86
3511-2036-363	20	0.48	16.21	13.79	13.77	13.77	12.93	24.71	26.21	23.04	25.37
4511-2037-363	20	0.48	9.60	5.41	5.38	5.38	4.55	16.33	17.83	14.66	16.99
4511-2038-363	20	0.48	12.75	8.36	8.33	8.33	7.49	19.28	20.78	17.60	19.94
4511-2039-363	20	0.76	3.45	3.30	3.28	3.28	2.44	14.22	15.72	12.55	14.88
4511-2040-363	20	0.48	16.13	13.77	13.74	13.74	12.90	24.69	26.19	23.01	25.35
4511-2041-363	20	0.48	3.91	9.02	8.99	8.99	8.15	19.94	21.44	18.26	20.60
4511-2042-363	20	0.48	23.55	21.54	21.51	21.51	20.68	32.46	33.96	30.78	33.12
4511-2043-363	20	0.71	3.05	7.19	7.16	7.16	6.32	18.11	19.61	16.43	18.77
4511-2044-363	20	0.48	7.59	2.59	2.57	2.57	1.73	13.51	15.01	11.84	14.17
4511-2045-363	20	0.48	10.92	5.36	5.33	5.33	4.50	16.28	17.78	14.61	16.94
4511-2047-363	20	0.48	10.08	5.00	4.98	4.98	4.14	15.93	17.42	14.25	16.59
4511-2048-363	20	0.48	9.58	7.04	7.01	7.01	6.17	17.96	19.46	16.28	18.62
4511-2049-363	20	0.48	8.92	6.53	6.50	6.50	5.66	17.45	18.95	15.77	18.11
3511-2050-363	20	0.64	24.08	17.96	17.93	17.93	17.09	28.88	30.38	27.20	29.54
3511-2051-363	20	0.64	22.68	17.30	17.27	17.27	16.43	28.22	29.72	26.54	28.88
3511-2052-363	20	0.81	22.68	17.30	17.27	17.27	16.43	28.22	29.72	26.54	28.88
3511-2053-363	20	0.48	12.37	9.83	9.80	9.80	8.97	20.75	22.25	19.08	21.41
3511-2054-363	20	0.48	10.72	3.40	3.38	3.38	2.54	14.33	15.82	12.65	14.99
3511-2055-363	20	0.48	6.35	10.46	10.44	10.44	9.60	21.39	22.89	19.71	22.05
3511-2057-363	20	0.48	6.83	4.29	4.27	4.27	3.43	15.21	16.71	13.54	15.88
3511-2059-363	20	0.48	11.28	9.12	9.09	9.09	8.26	20.04	21.54	18.36	20.70
4511-2060-363	20	0.64	3.00	4.29	4.27	4.27	3.43	15.21	16.71	13.54	15.88
4511-2061-363	20	0.64	3.51	4.80	4.78	4.78	3.94	15.72	17.22	14.05	16.38
4511-2062-363	20	0.64	3.99	5.28	5.26	5.26	4.42	16.21	17.70	14.53	16.87
4511-2063-363	20	0.64	4.50	5.79	5.77	5.77	4.93	16.71	18.21	15.04	17.37
4511-2064-363	20	0.64	5.00	6.30	6.27	6.27	5.44	17.22	18.72	15.54	17.88
4511-2065-363	20	0.64	5.51	6.81	6.78	6.78	5.94	17.73	19.23	16.05	18.39
4511-2066-363	20	0.64	5.99	7.29	7.26	7.26	6.43	18.21	19.71	16.54	18.87
4511-2067-363	20	0.64	3.00	5.13	5.11	5.11	4.27	16.05	17.55	14.38	16.71
4511-2068-363	20	0.64	3.51	5.64	5.61	5.61	4.78	16.56	18.06	14.88	17.22



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Aerotrronics Pin Part Number	Pin 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
		±.03	Ref.	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite
4511-2069-363	20	0.64	3.99	6.12	6.10	6.10	5.26	17.04	18.54	15.37	17.70
4511-2070-363	20	0.64	4.50	6.63	6.60	6.60	5.77	17.55	19.05	15.88	18.21
4511-2071-363	20	0.64	5.00	7.14	7.11	7.11	6.27	18.06	19.56	16.38	18.72
4511-2072-363	20	0.64	5.51	7.65	7.62	7.62	6.78	18.57	20.07	16.89	19.23
4511-2073-363	20	0.64	5.99	8.13	8.10	8.10	7.26	19.05	20.55	17.37	19.71
4511-2074-363	20	0.76	19.53	15.19	15.16	15.16	14.33	26.11	27.61	24.43	26.77
4511-2075-363	20	0.99	7.11	6.17	6.15	6.15	5.31	17.09	18.59	15.42	17.75
4511-2076-363	20	0.66	9.75	10.54	10.52	10.52	9.68	21.46	22.96	19.79	22.12
3511-2077-363	20	0.48	16.31	13.77	13.74	13.74	12.90	24.69	26.19	23.01	25.35
4511-2078-363	20	0.48	7.62	5.08	5.05	5.05	4.22	16.00	17.50	14.33	16.66
4511-2079-363	20	0.48	11.05	8.51	8.48	8.48	7.65	19.43	20.93	17.75	20.09
4511-2081-363	20	0.64	6.15	4.19	4.17	4.17	3.33	15.11	16.61	13.44	15.77
4511-2082-363	20	0.64	9.73	2.41	2.39	2.39	1.55	13.34	14.83	11.66	14.00
3511-2083-363	20	0.64	14.38	12.45	12.42	12.42	11.58	23.37	24.87	21.69	24.03
1511-2084-363	20	0.64	24.00	17.96	17.93	17.93	17.09	28.88	30.38	27.20	29.54
1511-2085-363.	20	0.64	19.35	15.24	15.21	15.21	14.38	26.16	27.66	24.49	26.82
4511-2086-363	20	0.64	8.13	4.11	4.09	4.09	3.25	15.04	16.54	13.36	15.70
4511-2088-363	20	0.48	5.92	1.93	1.91	1.91	1.07	12.85	14.35	11.18	13.51
4511-2089-363	20	0.48	11.13	3.81	3.78	3.78	2.95	14.73	16.23	13.06	15.39
4511-2090-363	20	0.48	5.41	5.16	5.13	5.13	4.29	16.08	17.58	14.40	16.74
4511-2091-363	20	0.64	3.81	5.13	5.11	5.11	4.27	16.05	17.55	14.38	16.71
3511-2092-363	20	0.64	12.45	10.21	10.19	10.19	9.35	21.13	22.63	19.46	21.79
4511-2093-363	20	0.86	3.51	3.51	3.48	3.48	2.64	14.43	15.93	12.75	15.09
4511-2094-363	20	0.48	7.24	6.38	6.35	6.35	5.51	17.30	18.80	15.62	17.96
4511-2095-363	20	0.48	5.72	3.18	3.15	3.15	2.31	14.10	15.60	12.42	14.76
4511-2096-363	20	0.48	13.00	10.85	10.82	10.82	9.98	21.77	23.27	20.09	22.43
4511-2097-363	20	0.48	14.20	12.04	12.01	12.01	11.18	22.96	24.46	21.29	23.62
4511-2098-363	20	0.48	13.77	11.23	11.20	11.20	10.36	22.15	23.65	20.47	22.81
4511-2099-363	20	0.48	10.54	6.15	6.12	6.12	5.28	17.07	18.57	15.39	17.73
4511-2002E-363	20	0.48	2.29	3.86	3.84	3.84	3.00	14.78	16.28	13.11	15.44
4511-2003E-363	20	0.48	2.92	3.86	3.84	3.84	3.00	14.78	16.28	13.11	15.44
4511-2004E-363	20	0.48	6.63	2.51	2.49	2.49	1.65	13.44	14.94	11.76	14.10
4511-2005E-363	20	0.48	7.24	7.29	7.26	7.26	6.43	18.21	19.71	16.54	18.87
4511-2006E-363	20	0.48	6.88	7.70	7.67	7.67	6.83	18.62	20.12	16.94	19.28
4511-2007E-363	20	0.48	13.84	7.04	7.01	7.01	6.17	17.96	19.46	16.28	18.62
4511-2008E-363	20	0.48	7.49	11.61	11.58	11.58	10.74	22.53	24.03	20.85	23.19
4511-2010E-363	20	0.48	5.59	10.46	10.44	10.44	9.60	21.39	22.89	19.71	22.05



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		O.D.	Length	D38999/20	D38999/20	D38999/24	D38999/24	D38999/20	D38999/20	D38999/24	D38999/24
		±.03	Ref.	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite
4511-2011E-363	20	0.48	2.41	15.80	15.77	15.77	14.94	26.72	28.22	25.04	27.38
4511-2012E-363	20	0.48	8.46	1.65	1.63	1.63	0.79	12.57	14.07	10.90	13.23
4511-2013E-363	20	1.02	6.35	11.46	11.43	11.43	10.59	22.38	23.88	20.70	23.04
4511-1600-364	16	1.57	13.92	8.53	8.51	8.51	7.67	19.46	20.96	17.78	20.12
4511-1601-364	16	1.57	8.69	8.26	8.23	8.23	7.39	19.18	20.68	17.50	19.84
4511-1602-364	16	1.57	7.80	1.19	1.17	1.17	NONE	12.12	13.61	10.44	NONE
4511-1603-364	16	1.22	13.89	8.51	8.48	8.48	7.65	19.43	20.93	17.75	20.09
4511-1604-364	16	1.57	9.83	2.46	2.44	2.44	1.60	13.39	14.88	11.71	14.05
4511-1605-364	16	1.45	3.00	8.79	8.76	8.76	7.92	19.71	21.21	18.03	20.37
4511-1606-364	16	1.27	4.32	6.78	6.76	6.76	5.92	17.70	19.20	16.03	18.36
4511-1607-364	16	1.57	19.10	15.01	14.99	14.99	14.15	25.93	27.43	24.26	26.59
4511-1608-364	16	1.57	2.29	3.56	3.53	3.53	2.69	14.48	15.98	12.80	15.14
4511-1609-364	16	1.57	13.92	11.05	11.02	11.02	10.19	21.97	23.47	20.29	22.63
4511-1610-364	16	0.64	11.07	8.53	8.51	8.51	7.67	19.46	20.96	17.78	20.12
4511-1611-364	16	0.64	4.19	3.25	3.23	3.23	2.39	14.17	15.67	12.50	14.83
4511-1612-364	16	0.64	5.08	4.14	4.11	4.11	3.28	15.06	16.56	13.39	15.72
4511-1613-364	16	0.64	6.05	5.11	5.08	5.08	4.24	16.03	17.53	14.35	16.69
4511-1618-364	16	0.64	2.16	5.26	5.23	5.23	4.39	16.18	17.68	14.50	16.84
4511-1620-364	16	1.02	13.92	6.17	6.15	6.15	5.31	17.09	18.59	15.42	17.75
4511-1621-364	16	1.02	15.98	8.23	8.20	8.20	7.37	19.15	20.65	17.48	19.81
4511-1640-364	16	1.57	3.00	4.29	4.27	4.27	3.43	15.21	16.71	13.54	15.88
4511-1641-364	16	1.57	3.51	4.80	4.78	4.78	3.94	15.72	17.22	14.05	16.38
4511-1642-364	16	1.57	3.99	5.28	5.26	5.26	4.42	16.21	17.70	14.53	16.87
4511-1643-364	16	1.57	4.50	5.79	5.77	5.77	4.93	16.71	18.21	15.04	17.37
4511-1644-364	16	1.57	5.00	6.30	6.27	6.27	5.44	17.22	18.72	15.54	17.88
4511-1645-364	16	1.57	5.51	6.81	6.78	6.78	5.94	17.73	19.23	16.05	18.39
4511-1646-364	16	1.57	5.99	7.29	7.26	7.26	6.43	18.21	19.71	16.54	18.87
4511-1647-364	16	1.57	3.00	5.13	5.11	5.11	4.27	16.05	17.55	14.38	16.71
4511-1648-364	16	1.57	3.51	5.64	5.61	5.61	4.78	16.56	18.06	14.88	17.22
4511-1649-364	16	1.57	3.99	6.12	6.10	6.10	5.26	17.04	18.54	15.37	17.70
4511-1650-364	16	1.57	4.50	6.63	6.60	6.60	5.77	17.55	19.05	15.88	18.21
4511-1651-364	16	1.57	5.00	7.14	7.11	7.11	6.27	18.06	19.56	16.38	18.72
4511-1652-364	16	1.57	5.51	7.65	7.62	7.62	6.78	18.57	20.07	16.89	19.23
4511-1653-364	16	1.57	5.99	8.13	8.10	8.10	7.26	19.05	20.55	17.37	19.71
4511-1654-364	16	1.22	22.71	17.30	17.27	17.27	16.43	28.22	29.72	26.54	28.88
4511-1655-364	16	1.52	19.53	15.19	15.16	15.16	14.33	26.11	27.61	24.43	26.77
4511-1656-364	16	1.57	7.65	5.41	5.38	5.38	4.55	16.33	17.83	14.66	16.99



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Aerotrronics Pin Part Number	Pin 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
		±.03	Ref.	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite
4511-1657-364	16	1.57	11.02	6.35	6.32	6.32	5.49	17.27	18.77	15.60	17.93
4511-1658-364	16	0.99	3.05	7.19	7.16	7.16	6.32	18.11	19.61	16.43	18.77
4511-1659-364	16	1.57	7.11	6.73	6.71	6.71	5.87	17.65	19.15	15.98	18.31
4511-1660-364	16	1.57	5.41	5.16	5.13	5.13	4.29	16.08	17.58	14.40	16.74
4511-1661-364	16	1.57	10.49	5.31	5.28	5.28	4.45	16.23	17.73	14.55	16.89
4511-1662-364	16	1.57	6.07	0.89	0.86	0.86	NONE	11.81	13.31	10.13	NONE
4511-1663-364	16	1.57	10.87	5.66	5.64	5.64	4.80	16.59	18.08	14.91	17.25
4511-1665-364	16	1.57	16.59	11.20	11.18	11.18	10.34	22.12	23.62	20.45	22.78
4511-1666-364	16	1.57	10.67	8.51	8.48	8.48	7.65	19.43	20.93	17.75	20.09
4511-1667-364	16	1.57	8.38	6.22	6.20	6.20	5.36	17.15	18.64	15.47	17.81
4511-1668-364	16	1.57	6.27	1.63	1.60	1.60	0.76	12.55	14.05	10.87	13.21
4511-1669-364	16	1.57	12.75	8.36	8.33	8.33	7.49	19.28	20.78	17.60	19.94
4511-1670-364	16	1.57	16.13	13.77	13.74	13.74	12.90	24.69	26.19	23.01	25.35
4511-1671-364	16	1.57	6.78	1.45	1.42	1.42	NONE	12.37	13.87	10.69	NONE
4511-1672-364	16	1.57	14.55	12.42	12.40	12.40	11.56	23.34	24.84	21.67	24.00
4511-1673-364	16	1.57	6.35	10.46	10.44	10.44	9.60	21.39	22.89	19.71	22.05
4511-1674-364	16	1.57	9.60	5.49	5.46	5.46	4.62	16.41	17.91	14.73	17.07
4511-1675-364	16	1.57	8.00	3.61	3.58	3.58	2.74	14.53	16.03	12.85	15.19
4511-1676-364	16	1.57	9.65	13.79	13.77	13.77	12.93	24.71	26.21	23.04	25.37
4511-1677-364	16	1.57	11.43	7.04	7.01	7.01	6.17	17.96	19.46	16.28	18.62
4511-1678-364	16	1.57	8.18	2.84	2.82	2.82	1.98	13.77	15.27	12.09	14.43
4511-1680-364	16	1.57	13.26	9.14	9.12	9.12	8.28	20.07	21.56	18.39	20.73
4511-1681-364	16	1.57	10.03	4.70	4.67	4.67	3.84	15.62	17.12	13.94	16.28
4511-1682-364	16	1.57	7.65	5.54	5.51	5.51	4.67	16.46	17.96	14.78	17.12
4511-1683-364	16	1.57	11.30	5.97	5.94	5.94	5.11	16.89	18.39	15.21	17.55
4511-1684-364	16	1.57	21.64	19.66	19.63	19.63	18.80	30.58	32.08	28.91	31.24
4511-1685-364	16	1.57	10.08	7.54	7.52	7.52	6.68	18.47	19.96	16.79	19.13
4511-1686-364	16	1.57	24.00	17.96	17.93	17.93	17.09	28.88	30.38	27.20	29.54
4511-1687-364	16	1.57	20.65	18.49	18.47	18.47	17.63	29.41	30.91	27.74	30.07
4511-1688-364	16	1.57	13.00	10.85	10.82	10.82	9.98	21.77	23.27	20.09	22.43
4511-1689-364	16	1.57	4.83	4.90	4.88	4.88	4.04	15.82	17.32	14.15	16.48
4511-1690-364	16	1.37	3.51	3.51	3.48	3.48	2.64	14.43	15.93	12.75	15.09
4511-1691-364	16	1.02	5.08	4.06	4.04	4.04	3.20	14.99	16.48	13.31	15.65
4511-1692-364	16	1.57	6.35	11.46	11.43	11.43	10.59	22.38	23.88	20.70	23.04
4511-1200-365	12	2.06	16.33	8.51	8.48	8.48	7.65	19.43	20.93	17.75	20.09
4511-1201-365	12	2.06	12.01	4.19	4.17	4.17	3.33	15.11	16.61	13.44	15.77
4511-1203-365	12	2.06	13.28	5.46	5.44	5.44	4.60	16.38	17.88	14.71	17.04



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Aerotronics Pin Part Number	Pin 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
		±.03	Ref.	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite	Metal shell	Composite
4511-1204-365	12	2.06	3.99	5.03	5.00	5.00	4.17	15.95	17.45	14.27	16.61
4511-1205-365	12	2.06	5.41	8.18	8.15	8.15	7.32	19.10	20.60	17.42	19.76
4511-1206-365	12	2.06	6.20	7.19	7.16	7.16	6.32	18.11	19.61	16.43	18.77
4511-1207-365	12	2.06	22.35	14.40	14.38	14.38	13.54	25.32	26.82	23.65	25.98
4511-1208-365	12	2.03	17.93	11.28	11.25	11.25	10.41	22.20	23.70	20.52	22.86
4511-1210-365	12	2.06	3.68	3.25	3.23	3.23	2.39	14.17	15.67	12.50	14.83
4511-1211-365	12	2.06	4.57	4.14	4.11	4.11	3.28	15.06	16.56	13.39	15.72
4511-1215-365	12	2.06	8.69	8.25	8.23	8.23	7.39	19.18	20.68	17.50	19.84
4511-1230-365	12	2.06	7.62	12.90	12.88	12.88	12.04	23.83	25.32	22.15	24.49
4511-1231-365	12	2.06	14.99	14.73	14.71	14.71	13.87	25.65	27.15	23.98	26.31
4511-1240-365	12	2.06	3.00	4.29	4.27	4.27	3.43	15.21	16.71	13.54	15.88
4511-1241-365	12	2.06	3.51	4.80	4.78	4.78	3.94	15.72	17.22	14.05	16.38
4511-1242-365	12	2.06	3.99	5.28	5.26	5.26	4.42	16.21	17.70	14.53	16.87
4511-1243-365	12	2.06	4.50	5.79	5.77	5.77	4.93	16.71	18.21	15.04	17.37
4511-1244-365	12	2.06	5.00	6.30	6.27	6.27	5.44	17.22	18.72	15.54	17.88
4511-1245-365	12	2.06	5.51	6.81	6.78	6.78	5.94	17.73	19.23	16.05	18.39
4511-1246-365	12	2.06	5.99	7.29	7.26	7.26	6.43	18.21	19.71	16.54	18.87
4511-1247-365	12	2.06	3.00	5.13	5.11	5.11	4.27	16.05	17.55	14.38	16.71
4511-1248-365	12	2.06	3.51	5.64	5.61	5.61	4.78	16.56	18.06	14.88	17.22
4511-1249-365	12	2.06	3.99	6.12	6.10	6.10	5.26	17.04	18.54	15.37	17.70
4511-1250-365	12	2.06	4.50	6.63	6.60	6.60	5.77	17.55	19.05	15.88	18.21
4511-1251-365	12	2.06	5.00	7.14	7.11	7.11	6.27	18.06	19.56	16.38	18.72
4511-1252-365	12	2.06	5.51	7.65	7.62	7.62	6.78	18.57	20.07	16.89	19.23
4511-1253-365	12	2.06	5.99	8.13	8.10	8.10	7.26	19.05	20.55	17.37	19.71
4511-1254-365	12	2.39	6.15	7.19	7.16	7.16	6.32	18.11	19.61	16.43	18.77
4511-1255-365	12	2.06	7.11	13.08	13.06	13.06	12.22	24.00	25.50	22.33	24.66
4511-1256-365	12	2.06	6.73	9.55	9.53	9.53	8.69	20.47	21.97	18.80	21.13
4511-1257-365	12	2.06	6.35	11.46	11.43	11.43	10.59	22.38	23.88	20.70	23.04