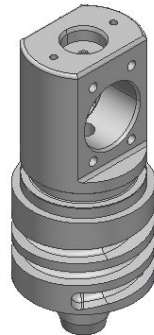




Report Author:
Date: 3/18/2025



Organization: ATTICA MANUFACTURING INC
Operator: Neeraj Kadam
E-mail:
Workspace: 07AA7FA
Project: 07AA7FA - piece 5

Part name: HousingLionix_V6.2 (1)
Part #: 07AA7FA
PO #: J0366CCF
Serial #: piece 5
Device:

Feature Table

Length Units Inches
Coordinate Systems csys 1
Data Alignments best-fit to ref 1

Name	Control	Nom	Meas	Tol	Dev	Test	Out Tol
 ITEM 3	Centroid X	0.3400	0.3406	±0.0050	0.0006	Pass	
 ITEM 4	Centroid X	0.3900	0.3916	±0.0050	0.0016	Pass	
 ITEM 5	Diameter	1.0580	1.0544	±0.0050	-0.0036	Pass	
 ITEM 6-1	Centroid Z	1.0850	1.0839	±0.0050	-0.0011	Pass	
 ITEM 6-2	Centroid Z	1.0850	1.0890	±0.0050	0.0040	Pass	
 ITEM 7	3D Distance	0.3630	0.3614	±0.0050	-0.0016	Pass	
 ITEM 8	Diameter	0.9000	0.8988	0.0000/-0.0020	-0.0012	Pass	
 ITEM 10	3D Distance	0.9300	0.9255	±0.0050	-0.0045	Pass	
 ITEM 11	3D Distance	0.5010	0.5002	±0.0050	-0.0008	Pass	
 ITEM 12	Diameter	0.2750	0.2732	0.0000/-0.0020	-0.0018	Pass	
 ITEM 13	Diameter	0.4350	0.4338	0.0000/-0.0020	-0.0012	Pass	
 ITEM 14	Diameter	1.2000	1.1967	±0.0050	-0.0033	Pass	
 ITEM 15-1	3D Distance	0.4500	0.4511	±0.0050	0.0011	Pass	
 ITEM 15-2	3D Distance	0.4500	0.4501	±0.0050	0.0001	Pass	
 ITEM 16-1	Diameter	0.0940	0.0955	±0.0050	0.0015	Pass	
 ITEM 16-2	Diameter	0.0940	0.0964	±0.0050	0.0024	Pass	
 ITEM 16-3	Diameter	0.0940	0.0961	±0.0050	0.0021	Pass	
 ITEM 16-4	Diameter	0.0940	0.0963	±0.0050	0.0023	Pass	
 ITEM 17	Y Distance	0.2250	0.2285	±0.0050	0.0035	Pass	
 ITEM 18-1	Z Distance	0.7530	0.7512	±0.0050	-0.0018	Pass	
 ITEM 18-2	Z Distance	0.7530	0.7542	±0.0050	0.0012	Pass	
 ITEM 19	Z	0.5000	0.5037	±0.0050	0.0037	Pass	
 ITEM 20	Z Distance	0.2950	0.2971	±0.0050	0.0021	Pass	
 ITEM 21, 22	3D Distance	0.1780	0.1764	±0.0050	-0.0016	Pass	
	Z Distance	0.0140	0.0129	±0.0050	-0.0011	Pass	
 ITEM 23	Z Distance	0.1690	0.1694	±0.0050	0.0004	Pass	
 ITEM 24	Diameter	0.0960	0.0924	±0.0050	-0.0036	Pass	
 ITEM 25, 28	Length	0.1210	0.1230	±0.0050	0.0020	Pass	
	Taper Angle 1	15.0000	15.0518	±1.0000	0.0518	Pass	
 ITEM 26, 29	Length	0.1350	0.1339	±0.0050	-0.0011	Pass	
	Taper Angle 1	10.0000	10.7910	±1.0000	0.7910	Pass	
 ITEM 27.1	Diameter	0.1380	0.1391	+0.0030/0.0000	0.0011	Pass	
 ITEM 27.2	Diameter	0.1570	0.1523	±0.0050	-0.0047	Pass	
 ITEM 30	Diameter	0.1880	0.1886	±0.0050	0.0006	Pass	
 ITEM 32	3D Distance	0.1150	0.1124	±0.0050	-0.0026	Pass	
 ITEM 34	3D Distance	0.1425	0.1423	±0.0025	-0.0002	Pass	
 ITEM 36-1	Radius	0.0050	0.0034	±0.0050	-0.0016	Pass	
 ITEM 36-2	Radius	0.0050	0.0041	±0.0050	-0.0009	Pass	
 ITEM 37-1	Radius	0.0100	0.0094	±0.0050	-0.0006	Pass	
 ITEM 37-2	Radius	0.0100	0.0109	±0.0050	0.0009	Pass	

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Part number: 07AA7FA
Piece: piece 5

	ITEM 43-1	Radius	0.0100	0.0092	±0.0050	-0.0008	Pass
	ITEM 43-2	Radius	0.0100	0.0114	±0.0050	0.0014	Pass
	ITEM 44-1	Radius	0.0050	0.0061	±0.0050	0.0011	Pass
	ITEM 44-2	Radius	0.0050	0.0036	±0.0050	-0.0014	Pass
	ITEM 39	3D Distance	0.0870	0.0881	±0.0050	0.0011	Pass
	ITEM 40	3D Distance	0.1425	0.1432	±0.0025	0.0007	Pass
	ITEM 46	X Angle	24.9000	24.6202	±0.5000	-0.2798	Pass
	ITEM 47-1	Diameter	0.0890	0.0862	±0.0050	-0.0028	Pass
	ITEM 47-2	Diameter	0.0890	0.0926	±0.0050	0.0036	Pass
	ITEM 47-3	Diameter	0.0890	0.0915	±0.0050	0.0025	Pass
	ITEM 47-4	Diameter	0.0890	0.0913	±0.0050	0.0023	Pass
	ITEM 48	Diameter	0.9610	0.9649	±0.0050	0.0039	Pass
	ITEM 49	3D Distance	0.7077	0.7040	±0.0050	-0.0037	Pass
	ITEM 50	Y	0.3530	0.3522	±0.0050	-0.0008	Pass
	ITEM 51	Diameter	0.0250	0.0260	±0.0050	0.0010	Pass
	ITEM 52-1	Diameter	0.0700	0.0677	±0.0050	-0.0023	Pass
	ITEM 52-2	Diameter	0.0700	0.0716	±0.0050	0.0016	Pass
	ITEM 53	3D Distance	0.1000	0.1013	±0.0050	0.0013	Pass
	ITEM 54	Diameter	0.3840	0.3834	±0.0010	-0.0006	Pass
	ITEM 55, 56	Length	0.0400	0.0361	±0.0050	-0.0039	Pass
		Taper Angle 1	20.0000	19.7349	±1.0000	-0.2651	Pass
	ITEM 59	Centroid Z	0.1450	0.1455	±0.0050	0.0005	Pass
	ITEM 60, 65	Length	0.0300	0.0268	±0.0050	-0.0032	Pass
		Taper Angle 1	30.0000	30.2085	±1.0000	0.2085	Pass
	ITEM 61	Midpoint Z	0.6100	0.6081	±0.0050	-0.0019	Pass
	ITEM 62	Included Angle	90.0000	90.1698	±1.0000	0.1698	Pass
	ITEM 63, 64	Diameter	0.0780	0.0773	±0.0050	-0.0007	Pass
		Midpoint Z	0.5000	0.5023	±0.0050	0.0023	Pass
	ITEM 66	3D Distance	0.4200	0.4215	±0.0050	0.0015	Pass
	ITEM 68	Diameter	0.6250	0.6265	+0.0020/0.0000	0.0015	Pass
	ITEM 69	3D Distance	0.0400	0.0393	±0.0020	-0.0007	Pass
	ITEM 70	3D Distance	0.1700	0.1693	±0.0020	-0.0007	Pass
	ITEM 71, 74	Length	0.0100	0.0086	±0.0050	-0.0014	Pass
		Taper Angle 1	45.0000	44.9664	±1.0000	-0.0336	Pass
	ITEM 72	3D Distance	0.1000	0.0989	±0.0050	-0.0011	Pass
	ITEM 73	Diameter	0.0830	0.0864	±0.0050	0.0034	Pass
	ITEM 75	Diameter	0.0570	0.0529	±0.0050	-0.0041	Pass
	ITEM 76	3D Distance	0.3840	0.3875	±0.0050	0.0035	Pass
	ITEM 77-1	Diameter	0.0640	0.0654	±0.0050	0.0014	Pass
	ITEM 77-2	Diameter	0.0640	0.0659	±0.0050	0.0019	Pass
	ITEM 77-3	Diameter	0.0640	0.0620	±0.0050	-0.0020	Pass
	ITEM 77-4	Diameter	0.0640	0.0664	±0.0050	0.0024	Pass
	ITEM 78	Y	0.1920	0.1932	±0.0050	0.0012	Pass
	ITEM 79	Z Distance	0.2970	0.2993	±0.0050	0.0023	Pass
	ITEM 80	Z Distance	0.0300	0.0321	±0.0050	0.0021	Pass
	ITEM 81	3D Distance	0.1900	0.1929	±0.0050	0.0029	Pass
	ITEM 82-1	Diameter	0.0640	0.0648	±0.0050	0.0008	Pass

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Piece: piece 5

	ITEM 82-2	Diameter	0.0640	0.0611	±0.0050	-0.0029	Pass
	ITEM 83	Y Distance	0.1620	0.1611	±0.0050	-0.0009	Pass
	ITEM 84	3D Distance	0.3250	0.3274	±0.0050	0.0024	Pass
	ITEM 85.2-1	Diameter	0.0310	0.0352	±0.0050	0.0042	Pass
	ITEM 85.2-2	Diameter	0.0310	0.0319	±0.0050	0.0009	Pass
	ITEM 85.2-3	Diameter	0.0310	0.0324	±0.0050	0.0014	Pass
	ITEM 85.2-4	Diameter	0.0310	0.0322	±0.0050	0.0012	Pass
	ITEM 92-1	Radius	0.0500	0.0479	±0.0050	-0.0021	Pass
	ITEM 92-2	Radius	0.0500	0.0536	±0.0050	0.0036	Pass
	ITEM 95-1	Radius	0.0160	0.0152	±0.0050	-0.0008	Pass
	ITEM 95-2	Radius	0.0160	0.0173	±0.0050	0.0013	Pass
	ITEM 85.1-1	3D Distance	0.0050	0.0077	+0.0050/0.0000	0.0027	Pass
	ITEM 85.1-2	3D Distance	0.0050	0.0067	+0.0050/0.0000	0.0017	Pass
	ITEM 85.1-3	3D Distance	0.0050	0.0065	+0.0050/0.0000	0.0015	Pass
	ITEM 85.1-4	3D Distance	0.0050	0.0050	+0.0050/0.0000	0.0000	Pass
	ITEM 86	3D Distance	0.2800	0.2779	±0.0050	-0.0021	Pass
	ITEM 87	3D Distance	0.1450	0.1431	±0.0050	-0.0019	Pass
	ITEM 88	3D Distance	0.3580	0.3533	±0.0050	-0.0047	Pass
	ITEM 90	3D Distance	0.0880	0.0899	±0.0050	0.0019	Pass
	ITEM 91	3D Distance	0.1640	0.1591	±0.0050	-0.0049	Pass
	ITEM 93-1	Radius	0.0310	0.0335	±0.0050	0.0025	Pass
	ITEM 93-2	Radius	0.0310	0.0333	±0.0050	0.0023	Pass
	ITEM 94	Diameter	0.6050	0.6025	0.0000/-0.0050	-0.0025	Pass
	ITEM 96	3D Distance	0.2300	0.2294	±0.0050	-0.0006	Pass
	ITEM 97-1	Radius	0.0050	0.0054	±0.0050	0.0004	Pass
	ITEM 97-2	Radius	0.0050	0.0060	±0.0050	0.0010	Pass
	ITEM 103-1	Radius	0.0100	0.0072	0.0000/-0.0050	-0.0028	Pass
	ITEM 103-2	Radius	0.0100	0.0083	0.0000/-0.0050	-0.0017	Pass
	ITEM 99	3D Distance	0.0590	0.0589	±0.0020	-0.0001	Pass
	ITEM 101	Diameter	0.2360	0.2336	0.0000/-0.0030	-0.0024	Pass
	ITEM 104	3D Distance	0.0300	0.0318	+0.0020/0.0000	0.0018	Pass
	ITEM 106, 109	X Acute Angle	25.0000	24.9406	±1.0000	-0.0594	Pass
	ITEM 115	X Acute Angle	25.0000	24.9406	±1.0000	-0.0594	Pass
	ITEM 107	X Distance	0.5040	0.5031	±0.0050	-0.0009	Pass
	ITEM 108	X Distance	0.3250	0.3291	±0.0050	0.0041	Pass
	ITEM 111	3D Distance	0.1890	0.1917	±0.0050	0.0027	Pass
	ITEM 114	3D Distance	0.1410	0.1449	±0.0050	0.0039	Pass
	ITEM 116	X Distance	0.5040	0.5081	±0.0050	0.0041	Pass

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