

Customer Name: 3D Cam, Inc.

Date: 9/27/2021

Part Name/Part Number: Dust Cover, Cold Gas
8290523 Rev. A

Signature: D. Howard

Item	Dimension Type	Nominal Dimension	Tolerance Limit		Upper Limit Spec	Lower Limit Spec	Units	Measurement Results			Pass or Fail
			+	-				1			
1	Distance	1.185	0.010	0.010	1.195	1.175	in	1.184			Pass
2	Distance	1.085	0.010	0.010	1.095	1.075	in	1.092			Pass
3	Distance	0.960	0.010	0.010	0.970	0.950	in	0.956			Pass
4	Radius	0.125	0.010	0.010	0.135	0.115	in	0.125			Pass
5	Radius	0.125	0.010	0.010	0.135	0.115	in	0.125			Pass
6	Radius	0.125	0.010	0.010	0.135	0.115	in	0.125			Pass
7	Radius	0.125	0.010	0.010	0.135	0.115	in	0.125			Pass
8	Radius	0.125	0.010	0.010	0.135	0.115	in	0.125			Pass
9	Radius	0.250	0.010	0.010	0.260	0.240	in	0.250			Pass
10	Radius	0.250	0.010	0.010	0.260	0.240	in	0.250			Pass
11	Chamfer	.250 x 45	0.010	0.010	0.260 x 47	0.240 x 43	in	.255 x 44			Pass
12	Chamfer	.500 x 45	0.010	0.010	0.510 x 47	0.490 x 43	in	.502 x 45			Pass
13	Chamfer	.500 x 45	0.010	0.010	0.510 x 47	0.490 x 43	in	.501 x 45			Pass
14	Distance	0.230	0.010	0.010	0.240	0.220	in	0.236			Pass
15	Distance	0.800	0.010	0.010	0.810	0.790	in	0.810			Pass
16	Distance	2.200	0.010	0.010	2.210	2.190	in	2.201			Pass
17	Distance	2.590	0.010	0.010	2.600	2.580	in	2.595			Pass
18	Distance	3.360	0.010	0.010	3.370	3.350	in	3.376			Pass
19	Chamfer	.75 x 45	0.010	0.010	0.76 x 47	0.74 x 43	in	.751 x 45			Pass
20	Chamfer	.75 x 45	0.010	0.010	0.76 x 47	0.74 x 43	in	.750 x 45			Pass
21	Distance	0.80	0.030	0.030	0.830	0.770	in	0.795			Pass
22	Distance	0.125	0.010	0.010	0.135	0.115	in	0.126			Pass
23	Radius	0.125	0.010	0.010	0.135	0.115	in	0.125			Pass
24	Distance	0.125	0.010	0.010	0.135	0.115	in	0.134			Pass
25	Distance	0.100	0.010	0.010	0.110	0.090	in	0.098			Pass
26	Distance	0.125	0.010	0.010	0.135	0.115	in	0.135			Pass
27	Distance	9.500	0.010	0.010	9.510	9.490	in	9.531			Pass
28	$\varnothing .169^{+.005}_{-.001}$ $\oplus \varnothing .010 \text{ (M) A B C}$				0.174	0.168	in	0.169			Pass
					0.010	0.000	in	0.058			Fail
29	$\varnothing .169^{+.005}_{-.001}$ $\oplus \varnothing .010 \text{ (M) A B C}$				0.174	0.168	in	0.169			Pass
					0.010	0.000	in	0.056			Fail
30	$\varnothing .169^{+.005}_{-.001}$ $\oplus \varnothing .010 \text{ (M) A B C}$				0.174	0.168	in	0.169			Pass
					0.010	0.000	in	0.040			Fail
31	$\varnothing .169^{+.005}_{-.001}$ $\oplus \varnothing .010 \text{ (M) A B C}$				0.174	0.168	in	0.169			Pass
					0.010	0.000	in	0.026			Fail



Inspection Report

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Dust Cover, Cold Gas
Part Name/Part Number: 8290523 Rev. A

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Item	Dimension Type	Nominal Dimension	Tolerance Limit		Upper Limit Spec	Lower Limit Spec	Units	Measurement Results			Pass or Fail
			+	-				1			
32	Distance	6.880	0.010	0.010	6.890	6.870	in	6.852			Fail
33	Radius	0.125	0.010	0.010	0.135	0.115	in	0.125			Pass
34	Radius	0.125	0.010	0.010	0.135	0.115	in	0.125			Pass
35	Distance	3.230	0.010	0.010	3.240	3.220	in	3.222			Pass
36	Radius	0.250	0.010	0.010	0.260	0.240	in	0.250			Pass
37	Distance	0.275	0.010	0.010	0.285	0.265	in	0.280			Pass
38	Radius	0.125	0.010	0.010	0.135	0.115	in	0.125			Pass
39	Radius	0.125	0.010	0.010	0.135	0.115	in	0.125			Pass
40	Radius	0.125	0.010	0.010	0.135	0.115	in	0.125			Pass
41	Radius	0.125	0.010	0.010	0.135	0.115	in	0.125			Pass
42	Radius	0.125	0.010	0.010	0.135	0.115	in	0.125			Pass
43	Radius	0.125	0.010	0.010	0.135	0.115	in	0.125			Pass
44	Radius	0.125	0.010	0.010	0.135	0.115	in	0.125			Pass
45	Distance	0.650	0.010	0.010	0.660	0.640	in	0.655			Pass
46	Distance	0.830	0.010	0.010	0.840	0.820	in	0.831			Pass
47	Radius	0.250	0.010	0.010	0.260	0.240	in	0.250			Pass
48	Radius	0.250	0.010	0.010	0.260	0.240	in	0.250			Pass
49	Radius	0.250	0.010	0.010	0.260	0.240	in	0.250			Pass
50	Distance	1.050	0.010	0.010	1.060	1.040	in	1.057			Pass
51	Distance	0.550	0.010	0.010	0.560	0.540	in	0.554			Pass
52	Chamfer	.080 x 45	0.010	0.010	0.090 x 47	0.070 x 43	in	.079 x 44			Pass
53	Chamfer	.080 x 45	0.010	0.010	0.090 x 47	0.070 x 43	in	0.081 x 45			Pass