

FIRST ARTICLE INSPECTION REPORT

Part Number: 20104756						Supplier: Hansin Precision Engineering (Shanghai) Co., Ltd											Prepared By: Gan Cheng						
Part Name: ASSY, TOP COVER						Address: No.529 Block 2 Dongkai Road Dongjing Town Songjiang District Shanghai China											Title: Process Manager						
Part Revision: C						Tool # HSRIM23007										Cavity # 1		Date Inspected: 31-May-2024					
DRAWING SPECIFICATIONS						INSPECTION RESULTS											INSPECTION ANALYSIS					COMMENTS	
ITEM	FEATURE	LOCATION	NOM	+TOL	-TOL	Sample Number					Deviation from Nominal					MEAN	% TOLERANCE		ACCEPT / REJECT		INSPECTION METHOD	SUPPLIER REMARKS	ENGINEERING DISPOSITION
						1	2	3	4	5	1	2	3	4	5		UPPER	LOWER	HIGH	LOW			
1.1	Dim	F6	4.43	0.20	0.20	4.36	4.32	4.35	4.35	4.37	-0.070	-0.110	-0.080	-0.080	-0.060	4.350	0%	55%			HG	N/A	N/A
1.2	Dim	F6	4.43	0.20	0.20	4.39	4.37	4.32	4.33	4.32	-0.040	-0.060	-0.110	-0.100	-0.110	4.346	0%	55%			HG	N/A	N/A
1.3	Dim	F6	4.43	0.20	0.20	4.45	4.42	4.32	4.32	4.31	0.020	-0.010	-0.110	-0.110	-0.120	4.364	10%	60%			HG	N/A	N/A
1.4	Dim	F6	4.43	0.20	0.20	4.32	4.33	4.35	4.34	4.35	-0.110	-0.100	-0.080	-0.090	-0.080	4.338	0%	55%			HG	N/A	N/A
2	Dim	F7	3.53	0.10	0.10	3.50	3.52	3.44	3.43	3.43	-0.030	-0.010	-0.090	-0.100	-0.100	3.464	0%	100%		Alert	HG	N/A	N/A
3	Dim	F7	10.86	0.00	0.30	10.60	10.62	10.62	10.64	10.65	-0.260	-0.240	-0.240	-0.220	-0.210	10.626	0%	87%		Alert	DC	N/A	N/A
4.1	Dim	F7	189.75	0.30	0.30	189.64	189.66	189.61	189.67	189.68	-0.110	-0.090	-0.140	-0.080	-0.070	189.652	0%	47%			SS	N/A	N/A
4.2	Dim	F7	189.75	0.30	0.30	189.69	189.71	189.65	189.78	189.76	-0.060	-0.040	-0.100	0.030	0.010	189.718	10%	33%			SS	N/A	N/A
4.3	Dim	F7	189.75	0.30	0.30	189.76	189.74	189.70	189.84	189.83	0.010	-0.010	-0.050	0.090	0.080	189.774	30%	17%			SS	N/A	N/A
4.4	Dim	F7	189.75	0.30	0.30	189.82	189.83	189.77	189.88	189.89	0.070	0.080	0.020	0.130	0.140	189.838	47%	0%			SS	N/A	N/A
5.1	Dim	F6	189.75	0.30	0.30	189.77	189.74	189.79	189.85	189.86	0.020	-0.010	0.040	0.100	0.110	189.802	37%	3%			SS	N/A	N/A
5.2	Dim	F6	189.75	0.30	0.30	189.75	189.65	189.68	189.75	189.76	0.000	-0.100	-0.070	0.000	0.010	189.718	3%	33%			SS	N/A	N/A
5.3	Dim	F6	189.75	0.30	0.30	189.65	189.54	189.63	189.69	189.70	-0.100	-0.210	-0.120	-0.060	-0.050	189.642	0%	70%		Alert	SS	N/A	N/A
5.4	Dim	F6	189.75	0.30	0.30	189.62	189.57	189.61	189.62	189.61	-0.130	-0.180	-0.140	-0.130	-0.140	189.606	0%	60%			SS	N/A	N/A
6	Dim	F6	4.50	0.05	0.05	4.50	4.52	4.51	4.50	4.51	0.000	0.020	0.010	0.000	0.010	4.508	40%	0%			HG	N/A	N/A
7	Dim	F6	2.30	0.10	0.10	2.34	2.33	2.33	2.31	2.30	0.040	0.030	0.030	0.010	0.000	2.322	40%	0%			SS	N/A	N/A
8.1	Basic	F5	M3			OK	OK	OK	OK	OK											TG	N/A	N/A
8.2	Basic	F5	M3			OK	OK	OK	OK	OK											TG	N/A	N/A
8.3	Basic	F5	M3			OK	OK	OK	OK	OK											TG	N/A	N/A
9.1	Pos	F5	0.00	1.50	0.00	0.64	0.82	0.93	0.74	0.75	0.645	0.820	0.934	0.738	0.750	0.777	62%	0%			CMM	N/A	N/A
(16)	X		135.00			134.68	134.59	134.54	134.64	134.63	-0.320	-0.410	-0.460	-0.360	-0.370	134.616					CMM	N/A	N/A
(11.1)	Y		8.60			8.56	8.60	8.68	8.52	8.54	-0.040	0.000	0.080	-0.080	-0.060	8.580					CMM	N/A	N/A
9.2	Pos	F5	0.00	1.50	0.00	0.58	0.64	0.51	0.51	0.56	0.584	0.645	0.513	0.512	0.556	0.562	43%	0%			CMM	N/A	N/A
	X		0.00			0.23	0.28	0.24	0.20	0.22	0.230	0.280	0.240	0.200	0.220	0.234					CMM	N/A	N/A
(11.2)	Y		8.60			8.42	8.44	8.51	8.44	8.43	-0.180	-0.160	-0.090	-0.160	-0.170	8.448					CMM	N/A	N/A
9.3	Pos	F5	0.00	1.50	0.00	0.56	0.25	0.32	0.35	0.30	0.564	0.247	0.316	0.349	0.305	0.356	38%	0%			CMM	N/A	N/A
(17)	X		135.00			135.25	135.12	135.13	135.16	135.14	0.250	0.120	0.130	0.160	0.140	135.160					CMM	N/A	N/A
(11.3)	Y		8.60			8.47	8.57	8.51	8.53	8.54	-0.130	-0.030	-0.090	-0.070	-0.060	8.524					CMM	N/A	N/A
10.1	Basic	F4	18.00			17.96	17.95	18.06	18.01	18.03	-0.040	-0.050	0.060	0.010	0.030	18.002					CMM	N/A	N/A
10.2	Basic	F4	18.00			17.93	17.99	18.02	17.97	17.98	-0.070	-0.010	0.020	-0.030	-0.020	17.978					CMM	N/A	N/A
10.3	Basic	F4	18.00			17.91	17.95	17.99	17.93	17.94	-0.090	-0.050	-0.010	-0.070	-0.060	17.944					CMM	N/A	N/A
10.4	Basic	F4	18.00			17.97	17.95	18.04	18.01	18.03	-0.030	-0.050	0.040	0.010	0.030	18.000					CMM	N/A	N/A
11.1	Basic	F5	8.60			8.56	8.60	8.68	8.52	8.54	-0.040	0.000	0.080	-0.080	-0.060	8.580					HG	N/A	N/A
11.2	Basic	F5	8.60			8.42	8.44	8.51	8.44	8.43	-0.180	-0.160	-0.090	-0.160	-0.170	8.448					HG	N/A	N/A
11.3	Basic	F5	8.60			8.47	8.57	8.51	8.53	8.54	-0.130	-0.030	-0.090	-0.070	-0.060	8.524					HG	N/A	N/A
12.1	Dim	F5	8.10	0.10	-0.10	8.09	8.08	8.08	8.08	8.05	-0.010	-0.020	-0.020	-0.020	-0.050	8.076	0%	-50%			DC	N/A	N/A
12.2	Dim	F5	8.10	0.10	-0.10	8.07	8.09	8.09	8.09	8.06	-0.030	-0.010	-0.010	-0.010	-0.040	8.080	0%	-40%			DC	N/A	N/A
12.3	Dim	F5	8.10	0.10	-0.10	8.09	8.08	8.10	8.10	8.11	-0.010	-0.020	0.000	0.000	0.010	8.096	10%	-20%			DC	N/A	N/A
13.1	Dim	F4	3.60	0.15	0.05	3.65	3.66	3.64	3.64	3.65	0.050	0.060	0.040	0.040	0.050	3.648	40%	0%			DC	N/A	N/A
13.2	Dim	F4	3.60	0.15	0.05	3.65	3.67	3.60	3.63	3.64	0.050	0.070	0.000	0.030	0.040	3.638	47%	0%			DC	N/A	N/A
13.3	Dim	F4	3.60	0.15	0.05	3.65	3.67	3.63	3.65	3.65	0.050	0.070	0.030	0.050	0.050	3.650	47%	0%			DC	N/A	N/A
13.4	Dim	F4	3.60	0.15	0.05	3.67	3.65	3.62	3.64	3.65	0.070	0.050	0.020	0.040	0.050	3.646	47%	0%			DC	N/A	N/A

14.1	Dim	F4	6.60	0.15	0.05	6.63	6.61	6.60	6.61	6.62	0.030	0.010	0.000	0.010	0.020	6.614	20%	0%				DC	N/A	N/A
14.2	Dim	F4	6.60	0.15	0.05	6.68	6.66	6.59	6.61	6.63	0.080	0.060	-0.010	0.010	0.030	6.634	53%	20%				DC	N/A	N/A
14.3	Dim	F4	6.60	0.15	0.05	6.68	6.69	6.61	6.60	6.61	0.080	0.090	0.010	0.000	0.010	6.638	60%	0%				DC	N/A	N/A
14.4	Dim	F4	6.60	0.15	0.05	6.68	6.69	6.61	6.61	6.62	0.080	0.090	0.010	0.010	0.020	6.642	60%	0%				DC	N/A	N/A
15.1	Pos	E4	0.00	1.00	0.00	0.63	0.55	0.75	0.68	0.66	0.625	0.549	0.750	0.680	0.663	0.653	75%	0%	Alert			CMM	N/A	N/A
(19)	X		117.50			117.19	117.23	117.13	117.16	117.17	-0.310	-0.270	-0.370	-0.340	-0.330	117.176						CMM	N/A	N/A
(10.1)	Y		18.00			17.96	17.95	18.06	18.01	18.03	-0.040	-0.050	0.060	0.010	0.030	18.002						CMM	N/A	N/A
15.2	Pos	E4	0.00	1.00	0.00	0.62	0.54	0.68	0.60	0.58	0.616	0.540	0.681	0.603	0.581	0.604	68%	0%	Alert			CMM	N/A	N/A
(18)	X		42.50			42.20	42.23	42.16	42.20	42.21	-0.300	-0.270	-0.340	-0.300	-0.290	42.200						CMM	N/A	N/A
(10.2)	Y		18.00			17.93	17.99	18.02	17.97	17.98	-0.070	-0.010	0.020	-0.030	-0.020	17.978						CMM	N/A	N/A
15.3	Pos	E4	0.00	1.00	0.00	0.51	0.69	0.44	0.42	0.44	0.513	0.687	0.440	0.437	0.424	0.500	69%	0%	Alert			CMM	N/A	N/A
(21)	X		42.50			42.74	42.84	42.72	42.70	42.71	0.240	0.340	0.220	0.200	0.210	42.742						CMM	N/A	N/A
(10.3)	Y		18.00			17.91	17.95	17.99	17.93	17.94	-0.090	-0.050	-0.010	-0.070	-0.060	17.944						CMM	N/A	N/A
15.4	Pos	E4	0.00	1.00	0.00	0.46	0.43	0.35	0.26	0.31	0.464	0.432	0.349	0.261	0.306	0.362	46%	0%				CMM	N/A	N/A
(20)	X		117.50			117.73	117.71	117.67	117.63	117.65	0.230	0.210	0.170	0.130	0.150	117.678						CMM	N/A	N/A
(10.4)	Y		18.00			17.97	17.95	18.04	18.01	18.03	-0.030	-0.050	0.040	0.010	0.030	18.000						CMM	N/A	N/A
16	Basic	F4	135.00			134.68	134.59	134.54	134.64	134.63	-0.320	-0.410	-0.460	-0.360	-0.370	134.616						CMM	N/A	N/A
17	Basic	F3	135.00			135.25	135.12	135.13	135.16	135.14	0.250	0.120	0.130	0.160	0.140	135.160						CMM	N/A	N/A
18	Basic	F3	42.50			42.20	42.23	42.16	42.20	42.21	-0.300	-0.270	-0.340	-0.300	-0.290	42.200						CMM	N/A	N/A
19	Basic	F3	117.50			117.19	117.23	117.13	117.16	117.17	-0.310	-0.270	-0.370	-0.340	-0.330	117.176						CMM	N/A	N/A
20	Basic	F3	117.50			117.73	117.71	117.67	117.63	117.65	0.230	0.210	0.170	0.130	0.150	117.678						CMM	N/A	N/A
21	Basic	F3	42.50			42.74	42.84	42.72	42.70	42.71	0.240	0.340	0.220	0.200	0.210	42.742						CMM	N/A	N/A
22.1	Dim	F3	16.10	0.30	0.00	16.16	16.18	16.12	16.12	16.13	0.060	0.080	0.020	0.020	0.030	16.142	27%	0%				DC	N/A	N/A
22.2	Dim	F3	16.10	0.30	0.00	16.15	16.18	16.11	16.11	16.12	0.050	0.080	0.010	0.010	0.020	16.134	27%	0%				DC	N/A	N/A
22.3	Dim	F3	16.10	0.30	0.00	16.17	16.16	16.15	16.13	16.11	0.070	0.060	0.050	0.030	0.010	16.144	23%	0%				DC	N/A	N/A
23.1	Dim	F1	2.00	0.40	0.40	2.22	2.23	2.28	2.21	2.21	0.220	0.230	0.280	0.210	0.210	2.230	70%	0%	Alert			SS	N/A	N/A
23.2	Dim	F1	2.00	0.40	0.40	2.04	2.03	2.18	2.17	2.17	0.040	0.030	0.180	0.170	0.170	2.118	45%	0%				SS	N/A	N/A
23.3	Dim	F1	2.00	0.40	0.40	2.35	2.36	2.37	2.35	2.35	0.350	0.360	0.370	0.350	0.350	2.356	93%	0%	Alert			SS	N/A	N/A
24	Dim	F1	15.00	0.00	0.30	14.70	14.71	14.74	14.74	14.74	-0.300	-0.290	-0.260	-0.260	-0.260	14.726	0%	100%		Alert		SS	N/A	N/A
25	Flat	E2	0.00	1.00	0.00	0.50	0.65	0.95	0.84	0.86	0.500	0.650	0.950	0.840	0.860	0.760	95%	0%	Alert			CMM	N/A	N/A
26.1	Dim	E1	1.70	0.20	0.20	1.75	1.71	1.72	1.75	1.74	0.050	0.010	0.020	0.050	0.040	1.734	25%	0%				CMM	N/A	N/A
26.2	Dim	E1	1.70	0.20	0.20	1.75	1.76	1.69	1.72	1.74	0.050	0.060	-0.010	0.020	0.040	1.732	30%	5%				CMM	N/A	N/A
26.3	Dim	E1	1.70	0.20	0.20	1.77	1.74	1.68	1.68	1.69	0.070	0.040	-0.020	-0.020	-0.010	1.712	35%	10%				CMM	N/A	N/A
27.1	Dim	D2	7.95	0.10	0.10	7.91	7.93	7.93	7.94	7.93	-0.040	-0.020	-0.020	-0.010	-0.020	7.928	0%	40%				DC	N/A	N/A
27.2	Dim	D2	7.95	0.10	0.10	7.91	7.93	7.96	7.91	7.92	-0.040	-0.020	0.010	-0.040	-0.030	7.926	10%	40%				DC	N/A	N/A
27.3	Dim	D2	7.95	0.10	0.10	7.94	7.96	7.93	7.95	7.94	-0.010	0.010	-0.020	0.000	-0.010	7.944	10%	20%				DC	N/A	N/A
27.4	Dim	D2	7.95	0.10	0.10	7.95	7.98	7.96	7.94	7.95	0.000	0.030	0.010	-0.010	0.000	7.956	30%	10%				DC	N/A	N/A
28	Dim	D2	1.50	0.10	0.10	1.48	1.52	1.43	1.44	1.43	-0.020	0.020	-0.070	-0.060	-0.070	1.460	20%	70%		Alert		HG	N/A	N/A
29	Dim	C2	3.60	0.10	0.10	3.57	3.59	3.52	3.53	3.52	-0.030	-0.010	-0.080	-0.070	-0.080	3.546	0%	80%		Alert		HG	N/A	N/A
30.1	Dim	C1	7.40	0.20	0.20	7.41	7.39	7.52	7.54	7.54	0.010	-0.010	0.120	0.140	0.140	7.480	70%	5%	Alert			DC	N/A	N/A
30.2	Dim	C1	7.40	0.20	0.20	7.42	7.43	7.52	7.54	7.54	0.020	0.030	0.120	0.140	0.140	7.490	70%	0%	Alert			DC	N/A	N/A
31	Dim	D1	5.00	0.20	0.20	5.02	5.05	5.00	5.05	5.05	0.020	0.050	0.000	0.050	0.050	5.034	25%	0%				DC	N/A	N/A
32	Dim	C1	3.01	0.20	0.20	2.90	2.92	3.02	3.05	3.05	-0.110	-0.090	0.010	0.040	0.040	2.988	20%	55%				DC	N/A	N/A
33	Dim	C3	83.00	0.30	0.30	82.95	82.97	82.90	82.90	82.90	-0.050	-0.030	-0.100	-0.100	-0.100	82.924	0%	33%				CMM	N/A	N/A
34	Dim	C3	41.50	0.20	0.20	41.42	41.45	41.43	41.42	41.42	-0.080	-0.050	-0.070	-0.080	-0.080	41.428	0%	40%				CMM	N/A	N/A
35	Dim	D4	3.60	0.30	0.30	3.85	3.83	3.85	3.82	3.82	0.250	0.230	0.250	0.220	0.220	3.834	83%	0%	Alert			SS	N/A	N/A
36	Dim	D4	1.30	0.50	0.50	0.85	0.83	0.84	0.85	0.85	-0.450	-0.470	-0.460	-0.450	-0.450	0.844	0%	94%		Alert		SS	N/A	N/A
37	Dim	D3	6.30	0.20	0.20	6.27	6.25	6.25	6.24	6.29	-0.030	-0.050	-0.050	-0.060	-0.010	6.260	0%	30%				SS	N/A	N/A
38	Dim	D2	15.58	0.10	0.10	15.65	15.62	15.58	15.56	15.56	0.070	0.040	0.000	-0.020	-0.020	15.594	70%	20%	Alert			CMM	N/A	N/A
39	Dim	E4	392.00	0.60	0.60	392.05	392.15	391.96	392.03	392.03	0.050	0.150	-0.040	0.030	0.030	392.044	25%	7%				SS	N/A	N/A
40	Dim	E5	24.90	0.30	0.30	24.92	24.99	25.00	24.98	24.98	0.020	0.090	0.100	0.080	0.080	24.974	33%	0%				HG	N/A	N/A
41	Dim	E5	27.00	0.30	0.30	26.93	26.98	26.93	26.93	26.93	-0.070	-0.020	-0.070	-0.070	-0.070	26.940	0%	23%				DC	N/A	N/A
42	arity	E6	0.00	0.50	0.00	0.12	0.23	0.03	0.06	0.06	0.120	0.230	0.030	0.060	0.060	0.100	46%	0%				CMM	N/A	N/A
43	Dim	D5	430.00	0.50	0.50	429.94	429.89	429.64	429.88	429.88	-0.060	-0.110	-0.360	-0.120	-0.120	429.846	0%	72%		Alert		SS	N/A	N/A

44	Dim	D5	433.00	0.60	0.60	433.06	433.12	432.49	432.77	432.77	0.060	0.120	-0.510	-0.230	-0.230	432.842	20%	85%		Alert	SS	N/A	N/A
45	Dim	D5	438.00	0.90	0.90	437.66	437.61	437.48	437.64	437.64	-0.340	-0.390	-0.520	-0.360	-0.360	437.606	0%	58%			SS	N/A	N/A
46.1	Dim	C5	1.80	0.10	0.10	1.81	1.83	1.83	1.81	1.81	0.010	0.030	0.030	0.010	0.010	1.818	30%	0%			HG	N/A	N/A
46.2	Dim	C5	1.80	0.10	0.10	1.80	1.83	1.79	1.80	1.80	0.000	0.030	-0.010	0.000	0.000	1.804	30%	10%			HG	N/A	N/A
46.3	Dim	C5	1.80	0.10	0.10	1.77	1.81	1.80	1.79	1.79	-0.030	0.010	0.000	-0.010	-0.010	1.792	10%	30%			HG	N/A	N/A
47	Profile	C5	0.00	1.00	0.00	0.60	0.74	0.78	0.68	0.68	0.600	0.740	0.780	0.680	0.680	0.696	78%	0%	Alert		CMM	N/A	N/A
48.1	Dim	C5	98.18	0.80	0.80	97.94	97.96	97.88	97.92	97.92	-0.240	-0.220	-0.300	-0.260	-0.260	97.924	0%	38%			SS	N/A	N/A
48.2	Dim	C5	98.18	0.80	0.80	97.75	97.84	97.66	97.69	97.69	-0.430	-0.340	-0.520	-0.490	-0.490	97.726	0%	65%		Alert	SS	N/A	N/A
49.1	Basic	C6	82.50			82.50	82.50	82.50	82.50	82.50	0.000	0.000	0.000	0.000	0.000	82.500					CMM	N/A	N/A
49.2	Basic	C6	82.50			82.50	82.50	82.50	82.50	82.50	0.000	0.000	0.000	0.000	0.000	82.500					CMM	N/A	N/A
50	Basic	C7	196.00			196.03	196.03	195.98	196.01	196.01	0.030	0.030	-0.020	0.010	0.010	196.012					SS	N/A	N/A
51	Basic	C7	111.00			111.00	111.00	111.00	111.00	111.00	0.000	0.000	0.000	0.000	0.000	111.000					CMM	N/A	N/A
52	Basic	C7	111.00			111.00	111.00	111.00	111.00	111.00	0.000	0.000	0.000	0.000	0.000	111.000					CMM	N/A	N/A
53	Basic	C7	196.00			196.03	196.03	195.98	196.02	196.02	0.030	0.030	-0.020	0.020	0.020	196.016					SS	N/A	N/A
54	Profile	C8	0.00	1.00	0.00	0.68	0.76	0.60	0.54	0.54	0.680	0.760	0.600	0.540	0.540	0.624	76%	0%	Alert		CMM	N/A	N/A
55.1	Basic	C8	101.78			101.46	101.41	101.45	101.44	101.44	-0.320	-0.370	-0.330	-0.340	-0.340	101.440					SS	N/A	N/A
55.2	Basic	C8	101.78			101.47	101.44	101.45	101.44	101.44	-0.310	-0.340	-0.330	-0.340	-0.340	101.448					SS	N/A	N/A
56	Dim	D8	146.69	0.30	0.30	146.51	146.52	146.41	146.48	146.48	-0.180	-0.170	-0.280	-0.210	-0.210	146.480	0%	93%		Alert	SS	N/A	N/A
57	Basic	D8	169.94			169.68	169.69	169.62	169.69	169.69	-0.260	-0.250	-0.320	-0.250	-0.250	169.674						N/A	N/A
58.1	Basic	D8	239.25			238.86	238.90	238.88	238.89	238.89	-0.390	-0.350	-0.370	-0.360	-0.360	238.884					SS	N/A	N/A
58.2	Basic	D8	239.25			238.90	238.91	238.90	238.90	238.90	-0.350	-0.340	-0.350	-0.350	-0.350	238.902					SS	N/A	N/A
59	Dim	D8	3.55	0.10	0.10	3.57	3.55	3.54	3.57	3.55	0.020	0.000	-0.010	0.020	0.000	3.556	20%	10%			SS	N/A	N/A
60	Dim	D8	12.98	0.10	0.10	13.05	13.05	13.03	13.04	13.03	0.070	0.070	0.050	0.060	0.050	13.040	70%	0%	Alert		DC	N/A	N/A
61	Dim	D6	0.46	0.10	0.10	0.51	0.51	0.52	0.52	0.52	0.050	0.050	0.060	0.060	0.060	0.516	60%	0%			SS	N/A	N/A
62	Dim	C7	172.00	0.275	0.275	171.95	171.960	171.89	171.940	171.940	-0.050	-0.040	-0.110	-0.060	-0.060	171.936	0%	40%			SS	N/A	N/A
63.1	Dim	C6	26.13	0.30	0.30	26.21	26.22	26.22	26.22	26.22	0.080	0.090	0.090	0.090	0.090	26.218	30%	0%			SS	N/A	N/A
63.2	Dim	C6	26.13	0.30	0.30	26.11	26.12	26.12	26.12	26.12	-0.020	-0.010	-0.010	-0.010	-0.010	26.118	0%	7%			SS	N/A	N/A
64.1	Dia	D6	7.78	0.20	0.00	7.87	7.86	7.88	7.86	7.86	0.090	0.080	0.100	0.080	0.080	7.866	50%	0%			SS	N/A	N/A
64.2	Dia	D6	7.78	0.20	0.00	7.85	7.85	7.88	7.87	7.87	0.070	0.070	0.100	0.090	0.090	7.864	50%	0%			SS	N/A	N/A
64.3	Dia	D6	7.78	0.20	0.00	7.85	7.87	7.89	7.87	7.87	0.070	0.090	0.110	0.090	0.090	7.870	55%	0%			SS	N/A	N/A
65.1	Basic	E6	56.05			56.01	56.03	56.01	56.00	56.00	-0.040	-0.020	-0.040	-0.050	-0.050	56.010					SS	N/A	N/A
65.2	Basic	E6	56.05			56.05	56.06	56.09	56.08	56.08	0.000	0.010	0.040	0.030	0.030	56.072					SS	N/A	N/A
66	Basic	D6	6.15			6.07	6.06	6.09	6.11	6.11	-0.080	-0.090	-0.060	-0.040	-0.040	6.088					SS	N/A	N/A
67	Basic	E6	52.50			52.42	52.44	52.36	52.38	52.38	-0.080	-0.060	-0.140	-0.120	-0.120	52.396					SS	N/A	N/A
68	Basic	E6	56.05			56.06	56.08	56.02	56.04	56.04	0.010	0.030	-0.030	-0.010	-0.010	56.048					SS	N/A	N/A
69	Basic	E6	111.00			111.03	111.03	111.00	111.00	111.00	0.030	0.030	0.000	0.000	0.000	111.012					CMM	N/A	N/A
70	Profile	F5	0.00	1.00	0.00	0.98	0.91	0.95	0.97	0.95	0.980	0.910	0.950	0.970	0.950	0.952	98%	0%	Alert		SS	N/A	N/A
71	Basic	E6	196.00			196.03	196.03	195.98	196.01	196.01	0.030	0.030	-0.020	0.010	0.010	196.012					SS	N/A	N/A
72	Basic	E7	196.00			196.03	196.02	195.98	196.02	196.02	0.030	0.020	-0.020	0.020	0.020	196.014					SS	N/A	N/A
73	Basic	E7	111.00			111.03	111.07	111.00	111.00	111.00	0.030	0.070	0.000	0.000	0.000	111.020					CMM	N/A	N/A
74	Profile	E8	0.00	1.00	0.00	0.58	0.51	0.76	0.96	0.96	0.580	0.510	0.760	0.960	0.960	0.754	96%	0%	Alert		CMM	N/A	N/A
75.1	Dim	E8	11.66	0.30	0.30	11.76	11.73	11.72	11.80	11.74	0.100	0.070	0.060	0.140	0.080	11.750	47%	0%			SS	N/A	N/A
75.2	Dim	E8	11.66	0.30	0.30	11.74	11.72	11.69	11.70	11.70	0.080	0.060	0.030	0.040	0.040	11.710	27%	0%			SS	N/A	N/A
76.1	Basic	E8	M3			OK	OK	OK	OK	OK											TG	N/A	N/A
76.2	Basic	E8	M3			OK	OK	OK	OK	OK											TG	N/A	N/A
76.3	Basic	E8	M3			OK	OK	OK	OK	OK											TG	N/A	N/A
76.4	Basic	E8	M3			OK	OK	OK	OK	OK											TG	N/A	N/A
76.5	Basic	E8	M3			OK	OK	OK	OK	OK											TG	N/A	N/A
77.1	Pos	D8	0.00	0.80	0.00	0.78	0.70	0.74	0.72	0.72	0.780	0.703	0.742	0.720	0.720	0.733	98%	0%	Alert		SS	N/A	N/A
(68)	X		56.05			56.06	56.08	56.02	56.04	56.04	0.010	0.030	-0.030	-0.010	-0.010	56.048					SS	N/A	N/A
(58.1)	Y		239.25			238.86	238.90	238.88	238.89	238.89	-0.390	-0.350	-0.370	-0.360	-0.360	238.884					SS	N/A	N/A
77.2	Pos	D8	0.00	0.80	0.00	0.66	0.75	0.72	0.72	0.72	0.660	0.750	0.717	0.721	0.721	0.714	94%	0%	Alert		SS	N/A	N/A
(67)	X		52.50			52.42	52.44	52.36	52.38	52.38	-0.080	-0.060	-0.140	-0.120	-0.120	52.396					SS	N/A	N/A
(55.1)	Y		101.78			101.46	101.41	101.45	101.44	101.44	-0.320	-0.370	-0.330	-0.340	-0.340	101.440					SS	N/A	N/A

77.3	Pos	D8	0.00	0.80	0.00	0.62	0.68	0.66	0.68	0.620	0.680	0.665	0.683	0.683	0.666	85%	0%	Alert		SS	N/A	N/A		
(65.2)	X		56.05			56.05	56.06	56.09	56.08	56.08	0.000	0.010	0.040	0.030	0.030	56.072					SS	N/A	N/A	
(55.2)	Y		101.78			101.47	101.44	101.45	101.44	101.44	-0.310	-0.340	-0.330	-0.340	-0.340	101.448					SS	N/A	N/A	
77.4	Pos	D8	0.00	0.80	0.00	0.70	0.68	0.70	0.71	0.71	0.705	0.681	0.705	0.707	0.707	0.701	88%	0%	Alert		SS	N/A	N/A	
(65.1)	X		56.05			56.01	56.03	56.01	56.00	56.00	-0.040	-0.020	-0.040	-0.050	-0.050	56.010					SS	N/A	N/A	
(58.2)	Y		239.25			238.90	238.91	238.90	238.90	238.90	-0.350	-0.340	-0.350	-0.350	-0.350	238.902					SS	N/A	N/A	
77.5	Pos	D8	0.00	0.80	0.00	0.54	0.53	0.65	0.51	0.51	0.544	0.531	0.651	0.506	0.506	0.548	81%	0%	Alert		SS	N/A	N/A	
(66)	X		6.15			6.07	6.06	6.09	6.11	6.11	-0.080	-0.090	-0.060	-0.040	-0.040	6.088					SS	N/A	N/A	
(57)	Y		169.94			169.68	169.69	169.62	169.69	169.69	-0.260	-0.250	-0.320	-0.250	-0.250	169.674					SS	N/A	N/A	
78.1	Dim	D5	70.00	0.15	0.15	69.95	69.97	69.94	69.96	69.96	-0.050	-0.030	-0.060	-0.040	-0.040	69.956	0%	40%			SS	N/A	N/A	
78.2	Dim	D5	70.00	0.15	0.15	69.96	69.97	69.95	70.02	70.02	-0.040	-0.030	-0.050	0.020	0.020	69.984	13%	33%			SS	N/A	N/A	
79.1	Dim	D5	70.00	0.15	0.15	70.08	70.03	70.02	70.05	70.05	0.080	0.030	0.020	0.050	0.050	70.046	53%	0%			SS	N/A	N/A	
79.2	Dim	D5	70.00	0.15	0.15	69.98	69.99	70.01	69.97	69.97	-0.020	-0.010	0.010	-0.030	-0.030	69.984	7%	20%			SS	N/A	N/A	
80.1	Dim	D5	70.00	0.15	0.15	70.01	70.03	69.97	70.01	70.01	0.010	0.030	-0.030	0.010	0.010	70.006	20%	20%			SS	N/A	N/A	
80.2	Dim	D5	70.00	0.15	0.15	70.02	70.03	69.98	70.02	70.02	0.020	0.030	-0.020	0.020	0.020	70.014	20%	13%			SS	N/A	N/A	
81.1	Angle	C8	17.15	1.00	1.00	16.89	16.87	16.73	16.82	16.82	-0.260	-0.280	-0.420	-0.330	-0.330	16.826	0%	42%			CMM	N/A	N/A	
81.2	Angle	C8	17.15	1.00	1.00	16.76	16.77	16.85	16.77	16.77	-0.390	-0.380	-0.300	-0.380	-0.380	16.784	0%	39%			CMM	N/A	N/A	
81.3	Angle	C8	17.15	1.00	1.00	16.93	16.82	16.81	16.78	16.78	-0.220	-0.330	-0.340	-0.370	-0.370	16.824	0%	37%			CMM	N/A	N/A	
81.4	Angle	C8	17.15	1.00	1.00	16.74	16.81	16.69	16.72	16.72	-0.410	-0.340	-0.460	-0.430	-0.430	16.736	0%	46%			CMM	N/A	N/A	
82.1	Dim	B8	11.32	0.20	0.20	11.17	11.15	11.26	11.26	11.26	-0.150	-0.170	-0.060	-0.060	-0.060	11.220	0%	85%	Alert	CMM	N/A	N/A		
82.2	Dim	B8	11.32	0.20	0.20	11.19	11.17	11.27	11.26	11.26	-0.130	-0.150	-0.050	-0.060	-0.060	11.230	0%	75%	Alert	DC	N/A	N/A		
82.3	Dim	B8	11.32	0.20	0.20	11.29	11.32	11.26	11.32	11.32	-0.030	0.000	-0.060	0.000	0.000	11.302	0%	30%			DC	N/A	N/A	
82.4	Dim	B8	11.32	0.20	0.20	11.26	11.29	11.27	11.21	11.21	-0.060	-0.030	-0.050	-0.110	-0.110	11.248	0%	55%			DC	N/A	N/A	
83.1	Dim	B8	4.85	0.20	0.20	4.75	4.72	4.70	4.74	4.74	-0.100	-0.130	-0.150	-0.110	-0.110	4.730	0%	75%	Alert	DC	N/A	N/A		
83.2	Dim	B8	4.85	0.20	0.20	4.73	4.75	4.73	4.76	4.76	-0.120	-0.100	-0.120	-0.090	-0.090	4.746	0%	60%			DC	N/A	N/A	
83.3	Dim	B8	4.85	0.20	0.20	4.73	4.76	4.72	4.75	4.75	-0.120	-0.090	-0.130	-0.100	-0.100	4.742	0%	65%	Alert	DC	N/A	N/A		
83.4	Dim	B8	4.85	0.20	0.20	4.74	4.75	4.71	4.70	4.70	-0.110	-0.100	-0.140	-0.150	-0.150	4.720	0%	75%	Alert	DC	N/A	N/A		
84	Flat	B6	0.00	1.00	0.00	0.66	0.63	0.65	0.60	0.68	0.660	0.630	0.650	0.600	0.680	0.644	68%	0%	Alert		CMM	N/A	N/A	
85	Flat	B6	0.00	0.50	0.00	0.26	0.29	0.28	0.25	0.28	0.260	0.290	0.280	0.250	0.280	0.272	58%	0%			CMM	N/A	N/A	
86	NOTES	A6	1. RoHS COMPLIANT TO 2011/65/EU AND AMENDMENTS.																			VI	N/A	N/A
87	NOTES	A6	2. MEASUREMENT REPORTING DIMENSIONS MARKED WITH (X.X) POSTFIXES																			VI	N/A	N/A
88	NOTES	A6	3.  INDICATES PROCESS CONTROL DIMENSION																			VI	N/A	N/A
89	NOTES	A6	4.  INDICATES CRITICAL TO FUNCTION DIMENSION AND DESIGNATOR NUMBER																			VI	N/A	N/A
90	NOTES	A6	5. MEASUREMENTS MADE WITH THE PART CONSTRAINED TO DATUM "A"																			VI	N/A	N/A
91	NOTES	A6	6. ALL FEATURES ARE DEFINED BY CAD MODEL. FEATURE TOLERANCES ARE DEFINED BY THE TOLERANCE BLOCK UNLESS NOTED ON DRAWING. DIMENSIONS SHOWN ARE PRIMARILY FOR FUNCTION & QUALITY VERIFICATION.																			VI	N/A	N/A
92	NOTES	A6	7. GATE TYPE: COLD RUNNER																			VI	N/A	N/A
93	NOTES	A6	8. FINISHES/TEXTURES PER CAD COLOR SCHEME: SEE CAD & DRAWING NONSPECIFIED: SPI B-2 OR BETTER																			VI	N/A	N/A
94	NOTES	B8	 TEXTURE TO EXTEND WITHIN 0.2±0.13mm OF PARTING LINES AND EXTREMES OF SURFACES WHERE SHOWN																			VI	N/A	N/A
95	NOTES	A8	 PERMANENTLY MARK WITH ILLUMINA PART NUMBER APPROX WHERE SHOWN.																			VI	N/A	N/A
96	NOTES	A8	 MARK 3D DESIGN REVISION ON EJECTOR PIN WHERE SHOWN.																			VI	N/A	N/A
97	NOTES	A8	14.  INDICATES A REVISION CHANGE.																			VI	N/A	N/A
98	NOTES	A8	 PAINT: LUMINOUS SILVER, POLANE 8300. PAINT SYSTEM IS AS FOLLOWS: 1. E61AP5027 EPOXY PRIMER 5551 PER ILMN DOCUMENT #200039676  2. F63SP3805 POLANE 8300 PER ILMN DOCUMENT #200039674																			VI	N/A	N/A
99	NOTES	A8	14. PAINT OVERSPRAY ALLOWED ON ALL SURFACES WITHOUT A LABELLED SURFACE CLASSIFICATION																			VI	N/A	N/A
100	NOTES	A8	 MASK ALL THREADS AND NOTED SURFACES PRIOR TO PAINTING OR FINISHING.																			VI	N/A	N/A
101	NOTES	A8	16. SUFRACE ROUGHNESS TO BE SMOOTH AND PAINT READY. SURFACE TO BE FREE OF DIRT OR OIL																			VI	N/A	N/A
102	NOTES	A8	17. COSMETIC REQUIREMENTS PER ILLUMINA CORPORATE STANDARDS FOR INSTRUMENTS 15019430 REV E SECTION 9 (PLASTIC) CLASS B.																			VI	N/A	N/A
103	NOTES	A8	18. NON-CRITICAL OR NON-PROCESS DIMENSIONS ARE FOR ENGINEERING DEVELOPMENT ONLY.																			VI	N/A	N/A
104	NOTES	A8	 ALL PROCESS CONTROLLED DIMENSIONS TO BE MEASURED AFTER SPRAY PAINTING.																			VI	N/A	N/A
105	NOTES	A8	 APPLY TORQUE 3.5kgfcm DURING SCREW TIGHTENING.																			VI	N/A	N/A